```
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-------
      name:  <unnamed>
       log:  C:\Users\Ahmad\Statistical Output for Chapter.5.log
  log type:  text
 opened on:  23 Mar 2015, 12:16:35

. char cc_adopt1[omit] 5

.
. xi: ologit udstnd_cc i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -403.55014
Iteration 1:   log likelihood =  -385.7823
Iteration 2:   log likelihood = -385.60049
Iteration 3:   log likelihood = -385.60018
Iteration 4:   log likelihood = -385.60018

Ordered logistic regression                     Number of obs   =        390
                                                LR chi2(3)      =      35.90
                                                Prob > chi2     =     0.0000
Log likelihood = -385.60018                     Pseudo R2       =     0.0445

------------------------------------------------------------------------------
   udstnd_cc | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2105613   .0851257    -3.85   0.000     .0953355    .4650529
_Icc_adopt1_2 |   .2806906   .0689415    -5.17   0.000     .1734448    .4542497
_Icc_adopt1_3 |   .5169394   .1456369    -2.34   0.019     .2975988    .8979414
-------------+----------------------------------------------------------------
```

```
      /cut1 |  -5.624152   .5992253               -6.798612   -4.449692
      /cut2 |  -4.202674   .3294311               -4.848347   -3.557001
      /cut3 |  -2.823591   .2167575               -3.248428   -2.398754
      /cut4 |  -.0696508    .142066               -.3480951    .2087935
------------------------------------------------------------------------------

.
. xi: ologit udstnd_cc i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -403.55014
Iteration 1:   log likelihood =  -380.1325
Iteration 2:   log likelihood = -379.79769
Iteration 3:   log likelihood = -379.79665
Iteration 4:   log likelihood = -379.79665

Ordered logistic regression                     Number of obs   =        390
                                                LR chi2(14)     =      47.51
                                                Prob > chi2     =     0.0000
Log likelihood = -379.79665                     Pseudo R2       =     0.0589

------------------------------------------------------------------------------
   udstnd_cc | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2703311   .1139664    -3.10   0.002     .1183166    .6176555
_Icc_adopt1_2 |   .3061667   .0778695    -4.65   0.000     .1859799    .5040224
_Icc_adopt1_3 |   .5550526   .1601054    -2.04   0.041     .3153583    .9769312
 _Iorg_size_2 |   1.015585   .2845117     0.06   0.956     .5864835    1.758639
```

```
 _Iorg_size_3 |   1.464624   .5573235     1.00   0.316     .6947431    3.087651
 _Iorg_size_4 |   1.337823   .4403939     0.88   0.377     .7017694     2.55037
 _Iorg_size_5 |   1.443778   .6053598     0.88   0.381      .634748    3.283973
  _Icsect1_2 |   2.329122   .8385039     2.35   0.019     1.150144    4.716633
  _Icsect1_3 |   2.312771   .8181482     2.37   0.018     1.156161    4.626443
  _Icsect1_4 |   1.626645   .5837832     1.36   0.175     .8050206    3.286841
  _Icsect1_5 |   1.915233   .7292304     1.71   0.088     .9080805     4.03942
  _Icsect1_6 |   1.363826   .5754093     0.74   0.462     .5965267    3.118084
  _Icsect1_7 |   1.451524   .5822599     0.93   0.353     .6612651    3.186197
_Icomb_stat_2 |   1.000032   .2305236     0.00   1.000     .6364994    1.571193
--------------+----------------------------------------------------------------
       /cut1 |  -4.984294   .6847887                -6.326455   -3.642133
       /cut2 |  -3.552943   .4694552                -4.473059   -2.632828
       /cut3 |  -2.156169   .4015892                 -2.94327   -1.369069
       /cut4 |   .6626304   .3841932                -.0903745    1.415635
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_a i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -412.41796
Iteration 1:   log likelihood = -404.06642
Iteration 2:   log likelihood = -403.87185
Iteration 3:   log likelihood =  -403.8718
Iteration 4:   log likelihood =  -403.8718

Ordered logistic regression                     Number of obs   =        384
                                                LR chi2(3)      =      17.09
                                                Prob > chi2     =     0.0007
Log likelihood =  -403.8718                     Pseudo R2       =     0.0207
```

```
------------------------------------------------------------------------------
   belf_kn_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2080639   .0811787    -4.02   0.000     .0968478    .4469957
_Icc_adopt1_2 |   .6145284   .1527333    -1.96   0.050     .3775606    1.000224
_Icc_adopt1_3 |   .8472044   .2442671    -0.58   0.565     .4814694     1.49076
-------------+----------------------------------------------------------------
      /cut1 |  -5.231417   .5961621                -6.399874   -4.062961
      /cut2 |  -3.072875   .2497501                -3.562377   -2.583374
      /cut3 |  -1.546309   .1738384                -1.887026   -1.205592
      /cut4 |   1.500468   .1726454                 1.162089    1.838846
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -412.41796
Iteration 1:   log likelihood = -399.29429
Iteration 2:   log likelihood = -398.97082
Iteration 3:   log likelihood =  -398.9706
Iteration 4:   log likelihood =  -398.9706

Ordered logistic regression                     Number of obs   =        384
                                                LR chi2(14)     =      26.89
                                                Prob > chi2     =     0.0199
Log likelihood =  -398.9706                     Pseudo R2       =     0.0326
```

```
------------------------------------------------------------------------------
   belf_kn_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2036238   .0839756    -3.86   0.000     .0907378    .4569503
_Icc_adopt1_2 |   .6092218   .1570013    -1.92   0.054     .3676326    1.009571
_Icc_adopt1_3 |   .8916024   .2620279    -0.39   0.696     .5012063    1.586083
 _Iorg_size_2 |   .8970309    .260466    -0.37   0.708     .5077486     1.58477
 _Iorg_size_3 |   2.195024   .8684281     1.99   0.047     1.010821    4.766552
 _Iorg_size_4 |   .9542308   .3268716    -0.14   0.891     .4876121    1.867379
 _Iorg_size_5 |   .9465897   .3995495    -0.13   0.897     .4138806    2.164953
  _Icsect1_2 |    1.12591   .4143557     0.32   0.747     .5473259    2.316123
  _Icsect1_3 |   .6723465   .2428376    -1.10   0.272     .3312508    1.364676
  _Icsect1_4 |   1.144574   .4270114     0.36   0.717     .5509121    2.377965
  _Icsect1_5 |   .9080497   .3598592    -0.24   0.808      .417618    1.974422
  _Icsect1_6 |   .9357695    .413001    -0.15   0.880     .3939961    2.222521
  _Icsect1_7 |   1.036717    .425952     0.09   0.930     .4633723    2.319478
_Icomb_stat_2 |    .781177   .1844659    -1.05   0.296     .4917542     1.24094
-------------+----------------------------------------------------------------
       /cut1 |  -5.385519   .7005151                      -6.758504   -4.012535
       /cut2 |   -3.22512   .4470979                      -4.101416   -2.348825
       /cut3 |  -1.686583   .4104435                      -2.491037   -.8821281
       /cut4 |    1.42583   .4068964                       .6283276    2.223332
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_b i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -457.03728
Iteration 1:   log likelihood =  -450.3742
```

```
Iteration 2:   log likelihood =  -450.3546
Iteration 3:   log likelihood =  -450.3546

Ordered logistic regression                     Number of obs   =        384
                                                LR chi2(3)      =      13.37
                                                Prob > chi2     =     0.0039
Log likelihood =  -450.3546                     Pseudo R2       =     0.0146

------------------------------------------------------------------------------
   belf_kn_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .3266634   .1284363    -2.85   0.004     .151157    .7059479
_Icc_adopt1_2 |   .5974317    .13645    -2.26   0.024     .3818376    .9347551
_Icc_adopt1_3 |   1.137058   .3103632     0.47   0.638     .6659545    1.941424
-------------+----------------------------------------------------------------
      /cut1 |  -4.405055   .4282011                -5.244314   -3.565796
      /cut2 |  -2.338314   .1989913                 -2.72833   -1.948298
      /cut3 |   -.294753   .1451643                -.5792698   -.0102362
      /cut4 |   2.505474   .2273741                 2.059829    2.951119
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -457.03728
Iteration 1:   log likelihood = -446.22662
Iteration 2:   log likelihood = -446.17118
```

Iteration 3: log likelihood = -446.17116

Ordered logistic regression Number of obs = 384

LR chi2(14) = 21.73

Prob > chi2 = 0.0843

Log likelihood = -446.17116 Pseudo R2 = 0.0238

---

belf_kn_b	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	.3381972	.1380462	-2.66	0.008	.1519583	.7526889
_Icc_adopt1_2	.6226347	.1477039	-2.00	0.046	.3911181	.9911942
_Icc_adopt1_3	1.210866	.3385803	0.68	0.494	.6999782	2.094631
_Iorg_size_2	.8755549	.2381963	-0.49	0.625	.5137035	1.492294
_Iorg_size_3	1.223194	.4583778	0.54	0.591	.586837	2.549607
_Iorg_size_4	1.276217	.4090576	0.76	0.447	.6809175	2.391964
_Iorg_size_5	.8791502	.3449824	-0.33	0.743	.4074252	1.897048
_Icsect1_2	1.337375	.4600037	0.85	0.398	.6815124	2.624416
_Icsect1_3	.8919134	.3065178	-0.33	0.739	.4547745	1.74924
_Icsect1_4	1.460093	.5106598	1.08	0.279	.7356603	2.897902
_Icsect1_5	.7444118	.2758862	-0.80	0.426	.3600392	1.539135
_Icsect1_6	1.064041	.4324458	0.15	0.879	.4797492	2.359947
_Icsect1_7	.9076926	.3584946	-0.25	0.806	.4185578	1.96844
_Icomb_stat_2	1.035041	.2291519	0.16	0.876	.6706668	1.597381
/cut1	-4.363931	.5434823			-5.429137	-3.298726
/cut2	-2.283543	.3892233			-3.046407	-1.520679
/cut3	-.2097942	.3637994			-.9228279	.5032394
/cut4	2.621065	.4046014			1.828061	3.414069

```
.
. xi: ologit belf_kn_c i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -455.38378
Iteration 1:   log likelihood = -446.75517
Iteration 2:   log likelihood =  -446.6841
Iteration 3:   log likelihood = -446.68408

Ordered logistic regression                     Number of obs   =        385
                                                LR chi2(3)      =      17.40
                                                Prob > chi2     =     0.0006
Log likelihood = -446.68408                     Pseudo R2       =     0.0191

------------------------------------------------------------------------------
   belf_kn_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2717105    .11257    -3.15   0.002     .1206292    .6120126
_Icc_adopt1_2 |   .4752071   .1120358    -3.16   0.002     .2993656    .7543345
_Icc_adopt1_3 |    .926414   .2538624    -0.28   0.780     .5414432    1.585102
-------------+----------------------------------------------------------------
      /cut1 |  -5.255651   .5944981                      -6.420846   -4.090456
      /cut2 |  -2.814099   .2252624                      -3.255605   -2.372593
      /cut3 |  -1.597546   .1682169                      -1.927245   -1.267847
      /cut4 |   .8766298   .1490086                       .5845783    1.168681
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

Iteration 0: log likelihood = -455.38378

Iteration 1: log likelihood = -439.86584

Iteration 2: log likelihood = -439.65728

Iteration 3: log likelihood = -439.65708

Iteration 4: log likelihood = -439.65708

Ordered logistic regression Number of obs = 385

LR chi2(14) = 31.45

Prob > chi2 = 0.0048

Log likelihood = -439.65708 Pseudo R2 = 0.0345

---

belf_kn_c | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

---+---

_Icc_adopt1_1 | .2881383 .1244339 -2.88 0.004 .1235963 .6717329

_Icc_adopt1_2 | .492025 .1209851 -2.88 0.004 .3038668 .7966931

_Icc_adopt1_3 | 1.05147 .2926803 0.18 0.857 .6093436 1.814395

_Iorg_size_2 | .8470626 .235117 -0.60 0.550 .4916429 1.459423

_Iorg_size_3 | .9445374 .3615877 -0.15 0.882 .4460281 2.000212

_Iorg_size_4 | 1.302717 .4168993 0.83 0.409 .6957387 2.439238

_Iorg_size_5 | .8688388 .3608322 -0.34 0.735 .3849744 1.96086

_Icsect1_2 | 1.738241 .606778 1.58 0.113 .8769529 3.445434

_Icsect1_3 | 1.387281 .4775684 0.95 0.342 .7065456 2.723885

_Icsect1_4 | 2.07753 .7371199 2.06 0.039 1.036421 4.16446

_Icsect1_5 | .9810767 .3677025 -0.05 0.959 .4706272 2.045168

_Icsect1_6 | 2.841508 1.238258 2.40 0.017 1.20953 6.67546

_Icsect1_7 | 2.079468 .8200218 1.86 0.063 .9600363 4.504191

_Icomb_stat_2 | .7854865 .1763692 -1.08 0.282 .5058412 1.219729

```
-------------+----------------------------------------------------------------
      /cut1 |  -4.990713   .6839435               -6.331218   -3.650209
      /cut2 |  -2.536616   .4085948               -3.337447   -1.735785
      /cut3 |  -1.307784   .3834156               -2.059265   -.5563034
      /cut4 |   1.236076    .382455                .4864785    1.985674
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_d i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -549.42577
Iteration 1:   log likelihood =  -548.2499
Iteration 2:   log likelihood = -548.24955
Iteration 3:   log likelihood = -548.24955

Ordered logistic regression                     Number of obs   =        376
                                                LR chi2(3)      =       2.35
                                                Prob > chi2     =     0.5025
Log likelihood = -548.24955                     Pseudo R2       =     0.0021

------------------------------------------------------------------------------
   belf_kn_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .8876191   .3256207    -0.32   0.745     .4324796    1.821745
_Icc_adopt1_2 |   1.261605   .2791093     1.05   0.294     .8177281    1.946425
_Icc_adopt1_3 |   1.350051   .3485014     1.16   0.245     .8139947    2.239128
-------------+----------------------------------------------------------------
      /cut1 |   -2.88883   .2585724               -3.395623   -2.382038
      /cut2 |  -.3000684   .1452722                -.5847968   -.0153401
      /cut3 |   .5783438   .1474433                 .2893603    .8673273
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      /cut4 |   1.967564   .1827186                      1.609442    2.325685
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -549.42577
Iteration 1:   log likelihood = -542.78399
Iteration 2:   log likelihood = -542.77265
Iteration 3:   log likelihood = -542.77264

Ordered logistic regression                     Number of obs   =        376
                                                LR chi2(14)     =      13.31
                                                Prob > chi2     =     0.5026
Log likelihood = -542.77264                     Pseudo R2       =     0.0121

------------------------------------------------------------------------------
   belf_kn_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .9710125   .3764817    -0.08   0.940     .4541469    2.076124
_Icc_adopt1_2 |   1.358729   .3153382     1.32   0.187     .8621504    2.141324
_Icc_adopt1_3 |   1.411596    .371239     1.31   0.190      .843045    2.363578
 _Iorg_size_2 |   .9087214    .240714    -0.36   0.718     .5406963    1.527243
 _Iorg_size_3 |   1.382459   .5103945     0.88   0.380     .6704933    2.850428
 _Iorg_size_4 |    1.3961   .4344085     1.07   0.284     .7586789    2.569066
 _Iorg_size_5 |    1.40677   .5305914     0.90   0.366     .6717004    2.946258
  _Icsect1_2 |   1.052509   .3594518     0.15   0.881     .5389202    2.055547
```

```
  _Icsect1_3 |   .8765784   .2866652    -0.40   0.687    .4617687    1.664014
  _Icsect1_4 |   1.624565   .5529089     1.43   0.154    .8337517    3.165464
  _Icsect1_5 |   .7662603   .2775326    -0.74   0.462    .3767721    1.558382
  _Icsect1_6 |   1.311474   .5042195     0.71   0.481    .6173054    2.786245
  _Icsect1_7 |   .9751506   .3742958    -0.07   0.948    .4595701    2.069149
_Icomb_stat_2 |   .9735137   .2080162    -0.13   0.900    .6404143    1.479869
--------------+----------------------------------------------------------------
       /cut1 |  -2.767389   .4269314                     -3.604159   -1.930618
       /cut2 |  -.1414709   .3709909                     -.8685996    .5856579
       /cut3 |   .7542814   .3703897                      .0283309    1.480232
       /cut4 |   2.161777   .3861055                      1.405024     2.91853
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_e i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -473.94862
Iteration 1:   log likelihood = -472.48557
Iteration 2:   log likelihood = -472.48494
Iteration 3:   log likelihood = -472.48494

Ordered logistic regression                     Number of obs   =        353
                                                LR chi2(3)      =       2.93
                                                Prob > chi2     =     0.4030
Log likelihood = -472.48494                     Pseudo R2       =     0.0031

------------------------------------------------------------------------------
   belf_kn_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.692863   .6328624     1.41   0.159     .8135934     3.52238
```

```
_Icc_adopt1_2 |   .9572733   .2219275    -0.19   0.851     .6077141     1.5079
_Icc_adopt1_3 |    .84839   .2255092    -0.62   0.536     .5038938    1.428407
--------------+----------------------------------------------------------------
      /cut1 |  -3.360364   .3115119                -3.970916   -2.749812
      /cut2 |  -.6962429   .1558985                -1.001798   -.3906873
      /cut3 |   .5919713   .1533719                 .2913678    .8925748
      /cut4 |   3.061169   .2755037                 2.521192    3.601146
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -473.94862
Iteration 1:   log likelihood = -464.29739
Iteration 2:   log likelihood = -464.26932
Iteration 3:   log likelihood = -464.26932

Ordered logistic regression                     Number of obs   =        353
                                                LR chi2(14)     =      19.36
                                                Prob > chi2     =     0.1517
Log likelihood = -464.26932                     Pseudo R2       =     0.0204

------------------------------------------------------------------------------
   belf_kn_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.541076   .6108091     1.09   0.275     .7086772    3.351196
_Icc_adopt1_2 |   .9394123   .2284142    -0.26   0.797     .5832975    1.512942
```

```
_Icc_adopt1_3 |   .8016751   .2172985    -0.82   0.415    .4712762    1.363708
 _Iorg_size_2 |   .7230879   .2032203    -1.15   0.249    .4168359    1.254345
 _Iorg_size_3 |   .8438462   .3160709    -0.45   0.650    .4049836    1.758285
 _Iorg_size_4 |   1.308757   .4233024     0.83   0.405    .6943008    2.467007
 _Iorg_size_5 |   .8959995   .3700731    -0.27   0.790    .3987838    2.013159
  _Icsect1_2 |   .7321744   .2662204    -0.86   0.391    .3590175    1.493185
  _Icsect1_3 |    .767804   .2719712    -0.75   0.456     .383476    1.537314
  _Icsect1_4 |   .5788958    .206036    -1.54   0.125    .2881691    1.162929
  _Icsect1_5 |   .3623538   .1372436    -2.68   0.007    .1724786    .7612553
  _Icsect1_6 |   .5741327   .2295914    -1.39   0.165    .2621942    1.257192
  _Icsect1_7 |   .4881727   .1989008    -1.76   0.078    .2196648    1.084892
_Icomb_stat_2 |   1.038051   .2288851     0.17   0.866    .6738034    1.599206
--------------+----------------------------------------------------------------
       /cut1 |  -3.996376   .4881952                -4.953221   -3.039531
       /cut2 |  -1.292227   .4034223                 -2.08292   -.5015341
       /cut3 |   .0437277    .394804                -.730074    .8175294
       /cut4 |   2.570529   .4475094                 1.693426    3.447631
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_f i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -470.08676
Iteration 1:   log likelihood = -466.63625
Iteration 2:   log likelihood =   -466.628
Iteration 3:   log likelihood =   -466.628

Ordered logistic regression                     Number of obs   =        378
                                                LR chi2(3)      =       6.92
                                                Prob > chi2     =     0.0746
```

Log likelihood = -466.628 Pseudo R2 = 0.0074

---

belf_kn_f | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

_Icc_adopt1_1 | 1.994071 .761815 1.81 0.071 .9430782 4.216322

_Icc_adopt1_2 | 1.677926 .3901238 2.23 0.026 1.063813 2.646551

_Icc_adopt1_3 | 1.152363 .3134821 0.52 0.602 .6761354 1.964017

/cut1 | -4.127438 .4586445 -5.026365 -3.228511

/cut2 | -1.882937 .1878111 -2.25104 -1.514834

/cut3 | -.3921621 .1477878 -.6818208 -.1025033

/cut4 | 2.08396 .1892514 1.713034 2.454886

.

. xi: ologit belf_kn_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

i.org_size _Iorg_size_1-5 (naturally coded; _Iorg_size_1 omitted)

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

Iteration 0: log likelihood = -470.08676

Iteration 1: log likelihood = -459.08521

Iteration 2: log likelihood = -458.99906

Iteration 3: log likelihood = -458.99901

Ordered logistic regression Number of obs = 378

LR chi2(14) = 22.18

Prob > chi2 = 0.0751

Log likelihood = -458.99901 Pseudo R2 = 0.0236

```
------------------------------------------------------------------------------
   belf_kn_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   2.188212   .8832126     1.94   0.052     .9920298     4.82674
_Icc_adopt1_2 |   1.685269   .4077417     2.16   0.031     1.048879    2.707776
_Icc_adopt1_3 |   1.156559   .3221687     0.52   0.602     .6699753    1.996534
 _Iorg_size_2 |   1.094278   .2968469     0.33   0.740     .6430145    1.862237
 _Iorg_size_3 |   1.084038   .3997324     0.22   0.827     .5262225    2.233161
 _Iorg_size_4 |   1.303277   .4144737     0.83   0.405     .6987694    2.430745
 _Iorg_size_5 |   2.509856   1.027103     2.25   0.025     1.125417    5.597372
  _Icsect1_2 |   1.376059   .4829011     0.91   0.363     .6917109    2.737472
  _Icsect1_3 |   1.019515   .3492242     0.06   0.955     .5209829    1.995096
  _Icsect1_4 |   1.167659   .4165357     0.43   0.664     .5803222    2.349431
  _Icsect1_5 |   1.898563   .7235115     1.68   0.093      .899593     4.00686
  _Icsect1_6 |   1.813997   .7644514     1.41   0.158     .7941902    4.143319
  _Icsect1_7 |    .746072   .2937969    -0.74   0.457     .3448139    1.614272
_Icomb_stat_2 |   .9439004   .2094698    -0.26   0.795     .6109815    1.458224
-------------+----------------------------------------------------------------
       /cut1 |  -3.839782   .5695916                      -4.956161   -2.723403
       /cut2 |   -1.58618   .3868261                      -2.344345   -.8280149
       /cut3 |  -.0598715   .3730396                      -.7910156    .6712726
       /cut4 |   2.499313   .4008158                       1.713729    3.284898
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_g i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -531.31977
Iteration 1:   log likelihood = -517.32923
```

```
Iteration 2:   log likelihood = -517.24652
Iteration 3:   log likelihood = -517.24649

Ordered logistic regression                     Number of obs   =        383
                                                LR chi2(3)      =      28.15
                                                Prob > chi2     =     0.0000
Log likelihood = -517.24649                     Pseudo R2       =     0.0265

------------------------------------------------------------------------------
   belf_kn_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    .290485   .1133373    -3.17   0.002     .1352116    .6240703
_Icc_adopt1_2 |   .5418897   .1207566    -2.75   0.006     .3501274    .8386788
_Icc_adopt1_3 |    1.87905   .4991208     2.37   0.018     1.116449    3.162554
-------------+----------------------------------------------------------------
      /cut1 |  -3.472161   .2889158                      -4.038426   -2.905897
      /cut2 |  -1.765828   .1736444                      -2.106165   -1.425491
      /cut3 |  -.0070488   .1418604                      -.2850901    .2709926
      /cut4 |   1.964122   .1877762                       1.596087    2.332156
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -531.31977
Iteration 1:   log likelihood = -511.24956
Iteration 2:   log likelihood = -511.06907
```

```
Iteration 3:   log likelihood = -511.06894
Iteration 4:   log likelihood = -511.06894

Ordered logistic regression                     Number of obs   =        383
                                                LR chi2(14)     =      40.50
                                                Prob > chi2     =     0.0002
Log likelihood = -511.06894                     Pseudo R2       =     0.0381

------------------------------------------------------------------------------
   belf_kn_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .298997   .1218624    -2.96   0.003     .1345062    .6646477
_Icc_adopt1_2 |   .5775194   .1344627    -2.36   0.018     .3659174    .9114862
_Icc_adopt1_3 |   2.03603   .5540055     2.61   0.009     1.194459    3.470538
 _Iorg_size_2 |   1.215061   .3206324     0.74   0.460     .7244055    2.038049
 _Iorg_size_3 |   1.440485   .5187723     1.01   0.311     .7111472    2.917818
 _Iorg_size_4 |   1.325196   .4150368     0.90   0.369     .7172874    2.448314
 _Iorg_size_5 |   1.012731   .3917544     0.03   0.974      .474487    2.161544
  _Icsect1_2 |   1.747975    .577969     1.69   0.091     .9142919    3.341839
  _Icsect1_3 |   1.073178   .3531062     0.21   0.830     .5631212    2.045226
  _Icsect1_4 |   2.034087   .7050011     2.05   0.040     1.031214    4.012272
  _Icsect1_5 |   .7636433   .2618006    -0.79   0.432     .3900068    1.495233
  _Icsect1_6 |   1.422714   .5658938     0.89   0.375     .6524493    3.102335
  _Icsect1_7 |   1.550682   .5828224     1.17   0.243     .7423342    3.239262
_Icomb_stat_2 |   .6989307   .1500488    -1.67   0.095     .4588759    1.064567
-------------+----------------------------------------------------------------
       /cut1 |  -3.219021   .4344292                      -4.070487   -2.367556
       /cut2 |  -1.507658    .36755                      -2.228043   -.7872736
       /cut3 |   .2802359   .3555801                      -.4166882     .97716
       /cut4 |   2.301093   .3810956                       1.55416    3.048027
------------------------------------------------------------------------------
```

```
.
. xi: ologit udstnd_cc i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -164.86358
Iteration 1:   log likelihood = -152.36127
Iteration 2:   log likelihood = -152.00951
Iteration 3:   log likelihood =  -152.0093
Iteration 4:   log likelihood =  -152.0093

Ordered logistic regression                     Number of obs   =        171
                                                LR chi2(3)      =      25.71
                                                Prob > chi2     =     0.0000
Log likelihood =  -152.0093                     Pseudo R2       =     0.0780

------------------------------------------------------------------------------
   udstnd_cc | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    .307438   .2386206    -1.52   0.129     .0671568    1.407424
_Icc_adopt1_2 |   .1399467   .0600405    -4.58   0.000     .0603638    .3244507
_Icc_adopt1_3 |   .3583348    .162372    -2.26   0.024     .1474296    .8709502
-------------+----------------------------------------------------------------
      /cut1 |  -6.127028   1.036024                -8.157597   -4.096459
      /cut2 |  -5.422484   .7568176                 -6.90582   -3.939149
      /cut3 |  -3.205521   .3602425                -3.911583   -2.499459
      /cut4 |   .0225057   .1989498                -.3674287    .4124402
------------------------------------------------------------------------------

.
. xi: ologit udstnd_cc i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
```

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -164.86358
Iteration 1:   log likelihood = -148.23133
Iteration 2:   log likelihood = -147.73765
Iteration 3:   log likelihood = -147.73744
Iteration 4:   log likelihood = -147.73744

Ordered logistic regression                     Number of obs   =        171
                                                LR chi2(14)     =      34.25
                                                Prob > chi2     =     0.0019
Log likelihood = -147.73744                     Pseudo R2       =     0.1039

------------------------------------------------------------------------------
   udstnd_cc | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .3036912   .2600508    -1.39   0.164     .0566955    1.626732
_Icc_adopt1_2 |   .1244423   .0553267    -4.69   0.000     .0520626    .2974473
_Icc_adopt1_3 |    .319352   .1497359    -2.43   0.015     .1273982     .800527
 _Iorg_size_2 |   .6601195   .3211865    -0.85   0.393     .2543687    1.713095
 _Iorg_size_3 |    1.46108   .7959322     0.70   0.486     .5023159    4.249827
 _Iorg_size_4 |   1.440576   .7901404     0.67   0.506     .4916557    4.220958
 _Iorg_size_5 |   1.183938   .7772127     0.26   0.797     .3269982    4.286593
  _Icsect1_2 |   1.484173   .8542418     0.69   0.493     .4803533     4.58573
  _Icsect1_3 |   .9218941   .5381803    -0.14   0.889      .293609    2.894628
  _Icsect1_4 |    2.30821   1.203345     1.60   0.109     .8308376    6.412604
  _Icsect1_5 |   1.415959   .8011784     0.61   0.539     .4671145    4.292179
  _Icsect1_6 |   1.136484   .6662504     0.22   0.827     .3602102     3.58567
```

```
  _Icsect1_7 |   1.199248    .793034     0.27   0.783     .3281178    4.383169
_Icomb_stat_2 |   1.173626   .4443041     0.42   0.672     .5588395    2.464747
--------------+----------------------------------------------------------------
      /cut1 |  -5.911607   1.128819                -8.124052   -3.699163
      /cut2 |  -5.205976    .878381                -6.927572   -3.484381
      /cut3 |  -2.990751   .5746154                -4.116977   -1.864526
      /cut4 |    .337052    .507437                -.6575061    1.33161
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_a i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -166.97552
Iteration 1:   log likelihood = -166.31386
Iteration 2:   log likelihood = -166.31227
Iteration 3:   log likelihood = -166.31227

Ordered logistic regression                     Number of obs   =        170
                                  LR chi2(3)     =       1.33
                                  Prob > chi2    =     0.7229
Log likelihood = -166.31227                     Pseudo R2      =     0.0040

------------------------------------------------------------------------------
   belf_kn_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .7453682   .5163937    -0.42   0.671     .1917147    2.897919
_Icc_adopt1_2 |   .6739101    .269492    -0.99   0.324     .3077602    1.475678
_Icc_adopt1_3 |    1.11259   .4992753     0.24   0.812      .461698    2.681095
--------------+----------------------------------------------------------------
      /cut1 |  -5.230376   1.014032                -7.217842    -3.24291
```

```
      /cut2 |  -3.249539   .4149765               -4.062878    -2.4362
      /cut3 |  -1.905508   .2674714               -2.429743   -1.381274
      /cut4 |   1.273813   .2299811                .8230583    1.724568
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -166.97552
Iteration 1:   log likelihood = -157.64577
Iteration 2:   log likelihood = -157.35732
Iteration 3:   log likelihood = -157.35642
Iteration 4:   log likelihood = -157.35642

Ordered logistic regression                     Number of obs   =        170
                                                LR chi2(14)     =      19.24
                                                Prob > chi2     =     0.1560
Log likelihood = -157.35642                     Pseudo R2       =     0.0576

------------------------------------------------------------------------------
   belf_kn_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .6631422   .4954217    -0.55   0.582     .1533519    2.867637
_Icc_adopt1_2 |   .7332069    .299721    -0.76   0.448     .3290573    1.633735
_Icc_adopt1_3 |   .9750086   .4537914    -0.05   0.957     .3915973      2.4276
 _Iorg_size_2 |   .7247123   .3555908    -0.66   0.512     .2770199    1.895921
 _Iorg_size_3 |   .5252049   .2974784    -1.14   0.256     .1730631    1.593871
```

```
 _Iorg_size_4 |   1.527825   .8540224     0.76   0.448     .5108218    4.569594
 _Iorg_size_5 |   .6813182   .4527923    -0.58   0.564     .1852065    2.506362
  _Icsect1_2 |   1.570968   .9165022     0.77   0.439     .5006987    4.928991
  _Icsect1_3 |   .7043881   .4284696    -0.58   0.565     .2138148    2.320525
  _Icsect1_4 |   .8747515   .4630398    -0.25   0.800     .3099636    2.468645
  _Icsect1_5 |   .6136594   .3638943    -0.82   0.410     .1919432    1.961923
  _Icsect1_6 |   2.722393   1.601191     1.70   0.089     .8596303    8.621637
  _Icsect1_7 |   2.499166   1.813284     1.26   0.207     .6028381    10.36071
_Icomb_stat_2 |   1.369886   .5346525     0.81   0.420     .6374834    2.943742
--------------+----------------------------------------------------------------
       /cut1 |   -5.42756   1.122574                -7.627764   -3.227356
       /cut2 |   -3.43878   .6335539                -4.680523   -2.197037
       /cut3 |  -2.040055   .5395824                -3.097617   -.9824933
       /cut4 |   1.444204   .5190496                 .4268856    2.461523
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_b i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -198.64973
Iteration 1:   log likelihood =  -193.5042
Iteration 2:   log likelihood = -193.43951
Iteration 3:   log likelihood = -193.43946
Iteration 4:   log likelihood = -193.43946

Ordered logistic regression                     Number of obs   =        170
                                                LR chi2(3)      =      10.42
                                                Prob > chi2     =     0.0153
Log likelihood = -193.43946                     Pseudo R2       =     0.0262
```

```
------------------------------------------------------------------------------
   belf_kn_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .1761647   .1145959    -2.67   0.008     .0492276    .6304186
_Icc_adopt1_2 |   .6479669   .2334795    -1.20   0.229     .3197736    1.312995
_Icc_adopt1_3 |   1.554927   .6606113     1.04   0.299     .6762023    3.575553
-------------+----------------------------------------------------------------
      /cut1 |  -5.399827   1.018946                -7.396924   -3.402729
      /cut2 |  -2.657581   .3267102                -3.297921   -2.017241
      /cut3 |  -.2677244    .200935                -.6615498    .1261009
      /cut4 |   2.287977   .2972617                 1.705355     2.8706
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -198.64973
Iteration 1:   log likelihood = -180.09337
Iteration 2:   log likelihood = -179.62734
Iteration 3:   log likelihood =  -179.6264
Iteration 4:   log likelihood =  -179.6264

Ordered logistic regression                     Number of obs   =        170
                                                LR chi2(14)     =      38.05
                                                Prob > chi2     =     0.0005
Log likelihood =  -179.6264                     Pseudo R2       =     0.0958
```

```
------------------------------------------------------------------------------
   belf_kn_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .1223159   .0877163    -2.93   0.003     .0299959    .4987742
_Icc_adopt1_2 |   .6934997   .2604225    -0.97   0.330     .3322031    1.447734
_Icc_adopt1_3 |   1.369583   .6151557     0.70   0.484     .5678934    3.303012
 _Iorg_size_2 |    1.04059   .4835531     0.09   0.932     .4185371    2.587174
 _Iorg_size_3 |   .4454596   .2347461    -1.53   0.125     .1585792    1.251326
 _Iorg_size_4 |   1.827478   .9768257     1.13   0.259     .6410129    5.209996
 _Iorg_size_5 |   3.355638   2.126077     1.91   0.056     .9693214    11.61669
  _Icsect1_2 |   2.751009   1.537304     1.81   0.070     .9200854     8.22538
  _Icsect1_3 |   1.030462   .5982456     0.05   0.959     .3302612    3.215186
  _Icsect1_4 |   2.314779   1.158384     1.68   0.094     .8680468    6.172713
  _Icsect1_5 |   .7404505    .397764    -0.56   0.576     .2583673    2.122045
  _Icsect1_6 |   4.110628   2.295727     2.53   0.011     1.375701    12.28265
  _Icsect1_7 |   1.390271   .8846076     0.52   0.605     .3994782    4.838443
_Icomb_stat_2 |   .6065593   .2238329    -1.35   0.175     .2942811    1.250213
-------------+----------------------------------------------------------------
       /cut1 |  -5.424964   1.115264                -7.610842   -3.239086
       /cut2 |  -2.609639   .5563503                -3.700065   -1.519212
       /cut3 |    .028466   .4847725                -.9216707    .9786027
       /cut4 |   2.882522   .5558612                 1.793054     3.97199
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_c i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -180.16749
Iteration 1:   log likelihood = -165.56809
Iteration 2:   log likelihood = -165.17385
```

```
Iteration 3:   log likelihood = -165.17314
Iteration 4:   log likelihood = -165.17314

Ordered logistic regression                     Number of obs   =        169
                                                LR chi2(3)      =      29.99
                                                Prob > chi2     =     0.0000
Log likelihood = -165.17314                     Pseudo R2       =     0.0832

------------------------------------------------------------------------------
   belf_kn_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .1649989   .1080939    -2.75   0.006     .0456923    .5958261
_Icc_adopt1_2 |    .239715   .0961213    -3.56   0.000     .1092394    .5260308
_Icc_adopt1_3 |   2.844761    1.2309     2.42   0.016     1.218258    6.642816
-------------+----------------------------------------------------------------
      /cut1 |  -4.613537   .6246746                      -5.837877   -3.389197
      /cut2 |  -1.972487   .2790854                      -2.519485    -1.42549
      /cut3 |    .804403   .2141048                       .3847653    1.224041
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -180.16749
Iteration 1:   log likelihood = -157.51311
Iteration 2:   log likelihood = -156.53749
Iteration 3:   log likelihood = -156.53617
```

Iteration 4: log likelihood = -156.53617

Ordered logistic regression Number of obs = 169

LR chi2(14) = 47.26

Prob > chi2 = 0.0000

Log likelihood = -156.53617 Pseudo R2 = 0.1312

---

belf_kn_c	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	.0956648	.0686909	-3.27	0.001	.0234184	.3907931
_Icc_adopt1_2	.2168478	.0892457	-3.71	0.000	.096791	.4858193
_Icc_adopt1_3	2.754777	1.286202	2.17	0.030	1.103218	6.87878
_Iorg_size_2	.6562362	.3114197	-0.89	0.375	.2588921	1.663418
_Iorg_size_3	.5596739	.2997224	-1.08	0.278	.1959255	1.598745
_Iorg_size_4	.6618575	.3573134	-0.76	0.445	.229737	1.906769
_Iorg_size_5	.5981657	.3800446	-0.81	0.419	.1721911	2.077937
_Icsect1_2	5.067233	3.067048	2.68	0.007	1.547261	16.59504
_Icsect1_3	1.506946	.8853238	0.70	0.485	.4764535	4.766227
_Icsect1_4	2.884837	1.45737	2.10	0.036	1.071788	7.764862
_Icsect1_5	1.101961	.6058769	0.18	0.860	.3751118	3.237213
_Icsect1_6	2.482892	1.448245	1.56	0.119	.7915182	7.788519
_Icsect1_7	1.804762	1.213732	0.88	0.380	.4830284	6.743217
_Icomb_stat_2	1.838622	.6959979	1.61	0.108	.8755394	3.861082
/cut1	-4.468336	.7672982			-5.972213	-2.964459
/cut2	-1.710388	.5243908			-2.738175	-.6826005
/cut3	1.293722	.5063069			.3013786	2.286065

.

```
. xi: ologit belf_kn_d i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -249.15768
Iteration 1:   log likelihood = -245.45783
Iteration 2:   log likelihood = -245.44848
Iteration 3:   log likelihood = -245.44848

Ordered logistic regression                     Number of obs   =        167
                                                LR chi2(3)      =       7.42
                                                Prob > chi2     =     0.0597
Log likelihood = -245.44848                     Pseudo R2       =     0.0149

------------------------------------------------------------------------------
   belf_kn_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   2.107625   1.314837    1.20   0.232     .620545    7.158357
_Icc_adopt1_2 |   1.470749   .5126858    1.11   0.268    .7427111    2.912443
_Icc_adopt1_3 |   2.768263   1.104041    2.55   0.011    1.266865    6.049008
-------------+----------------------------------------------------------------
      /cut1 |  -2.534152   .3401451                      -3.200824    -1.86748
      /cut2 |  -.3384352   .2002943                      -.7310048    .0541345
      /cut3 |   .5791903   .2044795                       .1784179    .9799628
      /cut4 |   2.174498   .2697686                       1.645762    2.703235
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
```

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

Iteration 0: log likelihood = -249.15768

Iteration 1: log likelihood = -233.6007

Iteration 2: log likelihood = -233.36734

Iteration 3: log likelihood = -233.36684

Iteration 4: log likelihood = -233.36684

Ordered logistic regression Number of obs = 167

LR chi2(14) = 31.58

Prob > chi2 = 0.0046

Log likelihood = -233.36684 Pseudo R2 = 0.0634

belf_kn_d	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1.852874	1.294635	0.88	0.377	.4710825	7.287775
_Icc_adopt1_2	1.269451	.4577146	0.66	0.508	.6261897	2.573511
_Icc_adopt1_3	3.005827	1.243044	2.66	0.008	1.336454	6.760424
_Iorg_size_2	.7912575	.3510528	-0.53	0.598	.3316424	1.887842
_Iorg_size_3	.4549051	.2327265	-1.54	0.124	.1668982	1.23991
_Iorg_size_4	1.144838	.5636297	0.27	0.784	.4361923	3.00476
_Iorg_size_5	1.763497	1.087957	0.92	0.358	.5263097	5.908917
_Icsect1_2	2.025076	1.073313	1.33	0.183	.7166301	5.722526
_Icsect1_3	.4913415	.2651638	-1.32	0.188	.1706133	1.414992
_Icsect1_4	1.494266	.6845543	0.88	0.381	.6088002	3.667592
_Icsect1_5	.5545183	.2947379	-1.11	0.267	.1956522	1.571618
_Icsect1_6	.2367277	.132701	-2.57	0.010	.0789035	.7102346
_Icsect1_7	.4669684	.2830942	-1.26	0.209	.1423169	1.532211
_Icomb_stat_2	.7636531	.2663482	-0.77	0.439	.3854895	1.512794

```
      /cut1 |  -3.305043   .5753856               -4.432778   -2.177308
      /cut2 |  -.9140291    .488381               -1.871238     .04318
      /cut3 |   .1033874    .484054               -.8453409    1.052116
      /cut4 |   1.824185   .5095343                .8255166    2.822854
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_e i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -228.57564
Iteration 1:   log likelihood = -227.67522
Iteration 2:   log likelihood = -227.67461
Iteration 3:   log likelihood = -227.67461

Ordered logistic regression                     Number of obs   =        161
                                                LR chi2(3)      =       1.80
                                                Prob > chi2     =     0.6145
Log likelihood = -227.67461                     Pseudo R2       =     0.0039

------------------------------------------------------------------------------
   belf_kn_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.841427   1.296972     0.87   0.386     .4630497    7.322869
_Icc_adopt1_2 |    1.49021    .526646     1.13   0.259     .7454686    2.978965
_Icc_adopt1_3 |   1.222172   .4860299     0.50   0.614     .5605687    2.664623
-------------+----------------------------------------------------------------
      /cut1 |  -2.580765   .3448186               -3.256597   -1.904933
      /cut2 |  -.6236577   .2081802               -1.031683   -.2156321
      /cut3 |   .7054082   .2104866                .2928621    1.117954
      /cut4 |   2.882682   .3560905                2.184758    3.580607
```

```
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -228.57564
Iteration 1:   log likelihood = -218.17746
Iteration 2:   log likelihood = -218.07433
Iteration 3:   log likelihood = -218.07421
Iteration 4:   log likelihood = -218.07421

Ordered logistic regression                     Number of obs   =        161
                                                LR chi2(14)     =      21.00
                                                Prob > chi2     =     0.1016
Log likelihood = -218.07421                     Pseudo R2       =     0.0459

------------------------------------------------------------------------------
   belf_kn_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.137608   .8560725     0.17   0.864     .2602836    4.972086
_Icc_adopt1_2 |   1.321496   .4896253     0.75   0.452     .6392761    2.731763
_Icc_adopt1_3 |   1.152643   .4688852     0.35   0.727     .5193181    2.558328
 _Iorg_size_2 |    .426128   .1959889    -1.85   0.064     .1730005    1.049622
 _Iorg_size_3 |    .267388   .1370086    -2.57   0.010     .0979466    .7299524
 _Iorg_size_4 |   .4022566   .2017691    -1.82   0.069     .1505034    1.075128
 _Iorg_size_5 |   .5586365   .3555564    -0.91   0.360     .1604588     1.94489
  _Icsect1_2 |   1.230505   .6739444     0.38   0.705     .4206126    3.599849
```

```
  _Icsect1_3 |   .766519   .4168103    -0.49   0.625     .264037    2.225261
  _Icsect1_4 |   .4657749   .2131848    -1.67   0.095     .1899249    1.142274
  _Icsect1_5 |   .4800992   .2529977    -1.39   0.164     .1709124    1.348616
  _Icsect1_6 |   .4744203   .2791521    -1.27   0.205     .1497306    1.503197
  _Icsect1_7 |   .199427   .1304731    -2.46   0.014     .0553215    .7189093
_Icomb_stat_2 |   1.084726   .3809912     0.23   0.817     .5449418    2.159185
--------------+----------------------------------------------------------------
       /cut1 |  -4.002778   .5816607                -5.142812   -2.862744
       /cut2 |   -1.94271   .4994306                -2.921576   -.9638436
       /cut3 |  -.4976079   .4778344                 -1.434146    .4389304
       /cut4 |   1.812678    .52846                 .7769152    2.848441
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_f i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -209.89891
Iteration 1:   log likelihood = -209.22491
Iteration 2:   log likelihood = -209.22408
Iteration 3:   log likelihood = -209.22408

Ordered logistic regression                     Number of obs   =        168
                                                LR chi2(3)      =       1.35
                                                Prob > chi2     =     0.7174
Log likelihood = -209.22408                     Pseudo R2       =     0.0032

------------------------------------------------------------------------------
    belf_kn_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   .5132553   .3483828    -0.98   0.326     .1356946    1.941352
```

```
_Icc_adopt1_2 |   1.144132   .4003621     0.38   0.700     .5762595    2.271612
_Icc_adopt1_3 |   .8792048   .3670514    -0.31   0.758     .3879087     1.99274
--------------+----------------------------------------------------------------
      /cut1 |   -1.77362   .2533127                -2.270104   -1.277136
      /cut2 |  -.2564565   .1989315                 -.646355    .1334421
      /cut3 |   2.047228   .2702194                 1.517608    2.576848
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Iteration 0:   log likelihood = -209.89891
Iteration 1:   log likelihood = -203.53234
Iteration 2:   log likelihood =  -203.4829
Iteration 3:   log likelihood = -203.48287
Iteration 4:   log likelihood = -203.48287

Ordered logistic regression                     Number of obs   =        168
                                                LR chi2(14)     =      12.83
                                                Prob > chi2     =     0.5398
Log likelihood = -203.48287                     Pseudo R2       =     0.0306

------------------------------------------------------------------------------
   belf_kn_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .5189001   .3778683    -0.90   0.368     .1245175    2.162406
_Icc_adopt1_2 |    1.01318   .3671794     0.04   0.971     .4979762    2.061411
```

```
_Icc_adopt1_3 |   .783827   .3367934    -0.57   0.571    .3376583    1.819546
 _Iorg_size_2 |   .8885186   .3907247    -0.27   0.788     .375277    2.103687
 _Iorg_size_3 |   1.305871   .6764933     0.52   0.606    .4730902    3.604596
 _Iorg_size_4 |   1.548266   .7857588     0.86   0.389    .5726027    4.186373
 _Iorg_size_5 |   1.077273   .6343565     0.13   0.899    .3396973    3.416325
  _Icsect1_2 |   1.410839   .7935303     0.61   0.541    .4685075    4.248525
  _Icsect1_3 |   .3630243    .200487    -1.83   0.067    .1229825    1.071588
  _Icsect1_4 |   .5746659   .2636917    -1.21   0.227    .2337935    1.412533
  _Icsect1_5 |   .6542887   .3438109    -0.81   0.420    .2336072    1.832537
  _Icsect1_6 |   .9250981   .5294723    -0.14   0.892    .3013073    2.840311
  _Icsect1_7 |   .4180206   .2552844    -1.43   0.153    .1262905    1.383645
_Icomb_stat_2 |   .5212005   .1834419    -1.85   0.064    .2614663    1.038948
--------------+----------------------------------------------------------------
       /cut1 |  -2.436635   .5191462                      -3.454143   -1.419127
       /cut2 |  -.8644354   .4859835                      -1.816945    .0880746
       /cut3 |   1.562005   .5073625                       .5675931    2.556418
------------------------------------------------------------------------------

.
. xi: ologit belf_kn_g i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Iteration 0:   log likelihood = -218.72803
Iteration 1:   log likelihood = -208.73233
Iteration 2:   log likelihood = -208.12189
Iteration 3:   log likelihood = -208.12051
Iteration 4:   log likelihood = -208.12051

Ordered logistic regression                     Number of obs   =        169
                                                LR chi2(3)      =      21.22
                                                Prob > chi2     =     0.0001
```

Log likelihood = -208.12051 Pseudo R2 = 0.0485

---

belf_kn_g | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

_Icc_adopt1_1 | .0962137 .0614757 -3.66 0.000 .0275019 .336598

_Icc_adopt1_2 | .4330697 .1574451 -2.30 0.021 .2123726 .8831149

_Icc_adopt1_3 | 1.738185 .713502 1.35 0.178 .77748 3.886002

/cut1 | -4.2638 .5549012 -5.351387 -3.176214

/cut2 | -2.38133 .2983855 -2.966154 -1.796505

/cut3 | -.4918425 .2058349 -.8952714 -.0884135

/cut4 | 1.930291 .2701718 1.400764 2.459819

.

. xi: ologit belf_kn_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

i.org_size _Iorg_size_1-5 (naturally coded; _Iorg_size_1 omitted)

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

Iteration 0: log likelihood = -218.72803

Iteration 1: log likelihood = -204.77076

Iteration 2: log likelihood = -203.97391

Iteration 3: log likelihood = -203.97145

Iteration 4: log likelihood = -203.97145

Ordered logistic regression Number of obs = 169

LR chi2(14) = 29.51

Prob > chi2 = 0.0089

Log likelihood = -203.97145 Pseudo R2 = 0.0675

---

belf_kn_g	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	.0821673	.0566149	-3.63	0.000	.0212914	.3170984
_Icc_adopt1_2	.3989781	.1507425	-2.43	0.015	.1902598	.8366642
_Icc_adopt1_3	1.69354	.7291231	1.22	0.221	.7283267	3.937902
_Iorg_size_2	.8438353	.3813583	-0.38	0.707	.3479929	2.046186
_Iorg_size_3	.3623831	.1861703	-1.98	0.048	.1323953	.9918893
_Iorg_size_4	.892667	.4665858	-0.22	0.828	.3204624	2.486576
_Iorg_size_5	1.225819	.7589168	0.33	0.742	.3642833	4.124903
_Icsect1_2	1.074374	.5921375	0.13	0.896	.3647695	3.164407
_Icsect1_3	.6974893	.3840333	-0.65	0.513	.2370671	2.052125
_Icsect1_4	1.07567	.5108669	0.15	0.878	.4240519	2.728597
_Icsect1_5	1.314948	.6816224	0.53	0.597	.4760755	3.631962
_Icsect1_6	1.084773	.6062069	0.15	0.884	.3627934	3.243533
_Icsect1_7	.7191701	.4505759	-0.53	0.599	.2106372	2.455433
_Icomb_stat_2	1.363859	.4869554	0.87	0.385	.6774141	2.745898
/cut1	-4.495243	.7078393			-5.882583	-3.107904
/cut2	-2.594221	.5251232			-3.623444	-1.564999
/cut3	-.6390586	.4677533			-1.555838	.277721
/cut4	1.860457	.4974056			.8855602	2.835354

.

. xi: logistic con_a i.cc_adopt1 if year==1, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression Number of obs = 386

```
                                  LR chi2(3)     =      1.03
                                  Prob > chi2    =    0.7940
Log likelihood = -230.15485                     Pseudo R2      =    0.0022

------------------------------------------------------------------------------
      con_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.551282   .7567893     0.90   0.368     .5962578    4.035965
_Icc_adopt1_2 |   1.128205   .3021136     0.45   0.652     .6674999    1.906887
_Icc_adopt1_3 |   .9797571   .3117306    -0.06   0.949     .5251586    1.827874
      _cons |   2.363636   .3802012     5.35   0.000     1.724492    3.239665
------------------------------------------------------------------------------

.
. xi: logistic con_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                     Number of obs   =        386
                                  LR chi2(14)    =       9.93
                                  Prob > chi2    =     0.7669
Log likelihood = -225.70242                     Pseudo R2      =    0.0215

------------------------------------------------------------------------------
      con_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.599306   .8222432     0.91   0.361     .5838585    4.380822
_Icc_adopt1_2 |   1.124875   .3183433     0.42   0.678      .645969    1.958832
_Icc_adopt1_3 |   .9891088    .32417    -0.03   0.973     .5203215    1.880254
```

```
 _Iorg_size_2 |   1.217157   .3861689     0.62   0.536     .6535592    2.266775
 _Iorg_size_3 |   1.626159   .7350974     1.08   0.282     .6704732     3.94407
 _Iorg_size_4 |   1.195135   .4431823     0.48   0.631     .5777938    2.472072
 _Iorg_size_5 |   1.339471   .6385621     0.61   0.540     .5261901    3.409762
  _Icsect1_2 |   1.034426    .398317     0.09   0.930     .4863346    2.200209
  _Icsect1_3 |   1.090073   .4253409     0.22   0.825     .5073656    2.342017
  _Icsect1_4 |   1.606233    .664427     1.15   0.252     .7140104    3.613372
  _Icsect1_5 |   1.710901   .7696671     1.19   0.233     .7084398    4.131873
  _Icsect1_6 |   1.358069   .6482806     0.64   0.521     .5328403    3.461361
  _Icsect1_7 |   1.129512   .5030701     0.27   0.785     .4718201     2.70399
_Icomb_stat_2 |   .6200291   .1605605    -1.85   0.065     .3732398    1.029998
       _cons |   1.972134   .8266722     1.62   0.105     .8672271    4.484769
------------------------------------------------------------------------------

.
. xi: logistic con_b i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       3.52
                                                Prob > chi2     =     0.3187
Log likelihood = -251.05372                     Pseudo R2       =     0.0070

------------------------------------------------------------------------------
      con_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.053719   .4372069     0.13   0.900     .4672465    2.376313
_Icc_adopt1_2 |   1.524064   .3885434     1.65   0.098     .9246956    2.511931
_Icc_adopt1_3 |   1.465909   .4534378     1.24   0.216     .7994876    2.687833
       _cons |   1.466667   .2196293     2.56   0.011      1.09362    1.966965
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                         Number of obs   =        386
                                            LR chi2(14)     =      31.56
                                            Prob > chi2     =     0.0046
Log likelihood =  -237.0317                 Pseudo R2       =     0.0624

------------------------------------------------------------------------------
      con_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.425188   .6430248     0.79   0.432     .5886024    3.45082
_Icc_adopt1_2 |   1.767901   .4928975     2.04   0.041     1.023622    3.053347
_Icc_adopt1_3 |   1.509494   .4902927     1.27   0.205     .7986494    2.853033
 _Iorg_size_2 |   1.814579   .5458093     1.98   0.048     1.006334    3.271974
 _Iorg_size_3 |   3.758004   1.708308     2.91   0.004     1.541769    9.159995
 _Iorg_size_4 |   1.842328   .6519858     1.73   0.084     .9207318    3.686385
 _Iorg_size_5 |   2.649903    1.25495     2.06   0.040     1.047406     6.70417
  _Icsect1_2 |   .7566785   .2802095    -0.75   0.451     .3661834    1.563595
  _Icsect1_3 |   1.497962   .5766893     1.05   0.294     .7043737    3.185654
  _Icsect1_4 |   1.136132   .4380879     0.33   0.741     .5335916    2.419072
  _Icsect1_5 |   2.786385   1.266042     2.26   0.024     1.143623    6.788897
  _Icsect1_6 |   1.009305   .4495384     0.02   0.983     .4216015    2.416253
  _Icsect1_7 |   1.037396   .4438544     0.09   0.932     .4484912    2.399578
_Icomb_stat_2 |   .7756528   .1941899    -1.01   0.310     .4748575    1.266985
      _cons |   .7211662   .2912044    -0.81   0.418     .3268309    1.591284
```

```
------------------------------------------------------------------------------

.
. xi: logistic con_c i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                     Number of obs   =        386
                                        LR chi2(3)      =       9.28
                                        Prob > chi2     =     0.0258
Log likelihood = -253.70014             Pseudo R2       =     0.0180

------------------------------------------------------------------------------
      con_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .2390351   .1339448    -2.55   0.011     .079705    .7168653
_Icc_adopt1_2 |   1.069967    .260953     0.28   0.782     .663394    1.725714
_Icc_adopt1_3 |   .8825911   .2642471    -0.42   0.677    .4908067    1.587116
      _cons |   .6972477   .1041964    -2.41   0.016    .5202162    .9345238
------------------------------------------------------------------------------

.
. xi: logistic con_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                     Number of obs   =        386
                                        LR chi2(14)     =      23.49
                                        Prob > chi2     =     0.0527
Log likelihood = -246.59455             Pseudo R2       =     0.0455
```

```
------------------------------------------------------------------------------
      con_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    .222839   .1306201    -2.56   0.010     .0706396    .7029664
_Icc_adopt1_2 |    1.11638   .2891659     0.43   0.671     .6719434    1.854774
_Icc_adopt1_3 |   .8933216    .277804    -0.36   0.717     .4856264    1.643287
 _Iorg_size_2 |   2.080952   .6545472     2.33   0.020     1.123371    3.854791
 _Iorg_size_3 |   1.328658    .566718     0.67   0.505     .5758998    3.065348
 _Iorg_size_4 |   2.275269   .8150672     2.29   0.022     1.127477    4.591534
 _Iorg_size_5 |   1.669571   .7780366     1.10   0.271     .6697865    4.161724
  _Icsect1_2 |   .8673369   .3273163    -0.38   0.706     .4139622    1.817251
  _Icsect1_3 |   .5866219   .2233336    -1.40   0.161     .2781609    1.237144
  _Icsect1_4 |   1.166019    .447983     0.40   0.689     .5491299    2.475918
  _Icsect1_5 |   .7824886   .3130853    -0.61   0.540     .3571903     1.71418
  _Icsect1_6 |   .4408057   .2111806    -1.71   0.087     .1723672    1.127301
  _Icsect1_7 |   .7370387   .3181417    -0.71   0.480      .316279    1.717553
_Icomb_stat_2 |   .6751275   .1682598    -1.58   0.115     .414232    1.100343
      _cons |   .5996777   .2432259    -1.26   0.207     .2708166    1.327885
------------------------------------------------------------------------------

.
. xi: logistic con_d i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       4.73
                                                Prob > chi2     =     0.1927
Log likelihood = -262.19803                     Pseudo R2       =     0.0089

------------------------------------------------------------------------------
```

```
      con_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .5452876   .2348358    -1.41   0.159     .2344465    1.268258
_Icc_adopt1_2 |   1.032077   .2489875     0.13   0.896     .6432216    1.656012
_Icc_adopt1_3 |   .6176971   .1869222    -1.59   0.111      .341344    1.117787
      _cons |   .8686869   .1280508    -0.95   0.340     .6507137    1.159676
------------------------------------------------------------------------------

.
. xi: logistic con_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        386
                                                  LR chi2(14)     =      20.38
                                                  Prob > chi2     =     0.1186
Log likelihood = -254.37279                       Pseudo R2       =     0.0385

------------------------------------------------------------------------------
      con_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .7133874   .3259661    -0.74   0.460     .2913321    1.746878
_Icc_adopt1_2 |   1.200261   .3093779     0.71   0.479     .7242209    1.989209
_Icc_adopt1_3 |   .7182558   .2240844    -1.06   0.289     .3896886    1.323855
 _Iorg_size_2 |   1.083629   .3230621     0.27   0.788     .6041046    1.943789
 _Iorg_size_3 |   1.030311   .4154556     0.07   0.941     .4674503    2.270916
 _Iorg_size_4 |   2.249692   .7809494     2.34   0.020     1.139305     4.44228
 _Iorg_size_5 |   1.132337   .5051862     0.28   0.781     .4722988    2.714781
  _Icsect1_2 |   1.874233   .7060013     1.67   0.095     .8957487     3.92158
```

```
  _Icsect1_3 |   1.096898   .4182584     0.24   0.808    .5195106    2.315997
  _Icsect1_4 |   2.060292    .793261     1.88   0.060    .9687152     4.38189
  _Icsect1_5 |   2.075693   .8315049     1.82   0.068    .9466275    4.551423
  _Icsect1_6 |   1.782316   .7913364     1.30   0.193    .7465469    4.255127
  _Icsect1_7 |   1.734214   .7388171     1.29   0.196     .752437    3.997009
_Icomb_stat_2 |   1.150615   .2785651     0.58   0.562     .715901    1.849297
      _cons |   .3932103   .1591696    -2.31   0.021    .1778536    .8693349
------------------------------------------------------------------------------

.
. xi: logistic con_e i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       3.56
                                                Prob > chi2     =     0.3125
Log likelihood =  -148.9142                     Pseudo R2       =     0.0118

------------------------------------------------------------------------------
      con_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .4501444   .3433589    -1.05   0.295     .1009431    2.007368
_Icc_adopt1_2 |   1.069693   .3594908     0.20   0.841      .553601    2.066911
_Icc_adopt1_3 |   .5044702   .2575307    -1.34   0.180     .185481    1.372055
      _cons |   .1708861   .0355862    -8.48   0.000     .1136182    .2570192
------------------------------------------------------------------------------

.
. xi: logistic con_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

```
i.csect1          _Icsect1_1-7       (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2    (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                         Number of obs   =        386
                                            LR chi2(14)     =       8.77
                                            Prob > chi2     =     0.8455
Log likelihood = -146.31138                 Pseudo R2       =     0.0291

------------------------------------------------------------------------------
      con_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .4769054   .3746658    -0.94   0.346     .1022615    2.224089
_Icc_adopt1_2 |   1.112264   .3922378     0.30   0.763     .5572282    2.220151
_Icc_adopt1_3 |   .5061599   .2631994    -1.31   0.190     .1826708    1.402511
 _Iorg_size_2 |   .9291079   .3866048    -0.18   0.860     .4110347    2.100167
 _Iorg_size_3 |   .4850941   .3102835    -1.13   0.258     .1384736    1.699358
 _Iorg_size_4 |   .7071007   .3536534    -0.69   0.488     .2653118    1.884543
 _Iorg_size_5 |   1.202658   .7083127     0.31   0.754     .3791596    3.814718
  _Icsect1_2 |   1.674332   .9041315     0.95   0.340     .5810278    4.824879
  _Icsect1_3 |   1.234733   .7170416     0.36   0.717     .3956015    3.853789
  _Icsect1_4 |   1.667083   .9274249     0.92   0.358     .5602995    4.960144
  _Icsect1_5 |   1.432872   .8653495     0.60   0.551     .4386759    4.680268
  _Icsect1_6 |   1.125849   .7681273     0.17   0.862     .2956208    4.287708
  _Icsect1_7 |    1.55788   .9553585     0.72   0.470     .4683183    5.182354
_Icomb_stat_2 |    1.44081   .499491     1.05   0.292     .7303268     2.84247
       _cons |   .1210126   .0706762    -3.62   0.000     .0385208    .3801597
------------------------------------------------------------------------------

.
. xi: logistic con_f i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5    (naturally coded; _Icc_adopt1_5 omitted)
```

```
Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       8.03
                                                Prob > chi2     =     0.0454
Log likelihood =  -213.5937                     Pseudo R2       =     0.0185

------------------------------------------------------------------------------
      con_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.780303    .766513     1.34   0.180     .7656097     4.13981
_Icc_adopt1_2 |   1.433612   .3857167     1.34   0.181     .8460851    2.429123
_Icc_adopt1_3 |   .5340909   .2132683    -1.57   0.116     .2441863    1.168178
      _cons |   .3120567   .0538869    -6.74   0.000     .2224567    .4377455
------------------------------------------------------------------------------

.
. xi: logistic con_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(14)     =      15.88
                                                Prob > chi2     =     0.3205
Log likelihood = -209.66659                     Pseudo R2       =     0.0365

------------------------------------------------------------------------------
      con_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.644889   .7525917     1.09   0.277     .6709394    4.032643
```

```
_Icc_adopt1_2 |   1.412859   .4001754     1.22   0.222     .8109724    2.461452
_Icc_adopt1_3 |   .5081721   .2073902    -1.66   0.097     .2283635    1.130824
 _Iorg_size_2 |   1.285438   .4297417     0.75   0.453     .6675465    2.475261
 _Iorg_size_3 |   .9316131   .4487645    -0.15   0.883     .3624147    2.394778
 _Iorg_size_4 |   .9349855    .378685    -0.17   0.868      .422721    2.068026
 _Iorg_size_5 |   1.892932   .9242541     1.31   0.191     .7269795    4.928873
  _Icsect1_2 |   1.476031   .5922712     0.97   0.332     .6722687    3.240769
  _Icsect1_3 |   .7403413   .3193196    -0.70   0.486     .3179045    1.724119
  _Icsect1_4 |   .8877428    .392465    -0.27   0.788     .3732303    2.111531
  _Icsect1_5 |   .8845298   .3936773    -0.28   0.783     .3697163    2.116198
  _Icsect1_6 |    1.27362   .6056603     0.51   0.611     .5014843    3.234613
  _Icsect1_7 |   .6330312   .3266635    -0.89   0.376     .2302391    1.740489
_Icomb_stat_2 |   .8442552   .2342211    -0.61   0.542     .4901461    1.454193
       _cons |   .3074372   .1365849    -2.65   0.008     .1287045    .7343769
------------------------------------------------------------------------------

.
. xi: logistic con_g i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       2.78
                                                Prob > chi2     =     0.4262
Log likelihood = -256.94948                     Pseudo R2       =     0.0054

------------------------------------------------------------------------------
      con_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.166667   .4856578     0.37   0.711     .5159531    2.638052
_Icc_adopt1_2 |   1.502525   .3687209     1.66   0.097      .92883    2.430565
_Icc_adopt1_3 |   1.109557   .3344584     0.34   0.730     .6145658     2.00323
```

```
       _cons |   .5546218   .0851211    -3.84   0.000     .4105424    .7492659
------------------------------------------------------------------------------

.
. xi: logistic con_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        386
                                                  LR chi2(14)     =      24.18
                                                  Prob > chi2     =     0.0436
Log likelihood =  -246.2505                       Pseudo R2       =     0.0468

------------------------------------------------------------------------------
      con_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.519171   .6801268     0.93   0.350     .6317235    3.653307
_Icc_adopt1_2 |   1.650263   .4353979     1.90   0.058     .9839572    2.767772
_Icc_adopt1_3 |   1.145854   .3614707     0.43   0.666     .6174606     2.12642
 _Iorg_size_2 |   1.034336   .3185007     0.11   0.913      .565657    1.891342
 _Iorg_size_3 |   1.375965   .5696628     0.77   0.441     .6112261    3.097512
 _Iorg_size_4 |   1.943795   .6863188     1.88   0.060     .9729856     3.88324
 _Iorg_size_5 |   3.027297   1.364446     2.46   0.014     1.251429     7.32325
  _Icsect1_2 |   1.269331   .4935924     0.61   0.540     .5923473    2.720028
  _Icsect1_3 |   1.481323   .5627276     1.03   0.301     .7035479     3.11893
  _Icsect1_4 |   1.278396   .5118021     0.61   0.540     .5832967    2.801828
  _Icsect1_5 |   2.624057   1.059533     2.39   0.017     1.189263    5.789868
  _Icsect1_6 |   1.314078   .5971576     0.60   0.548      .539273    3.202089
  _Icsect1_7 |   1.386464   .6099929     0.74   0.458      .585344     3.28402
```

```
_Icomb_stat_2 |   .7323162   .1827052    -1.25   0.212     .4490894    1.194165
      _cons |   .3138145   .1302374    -2.79   0.005     .1391273    .7078374
------------------------------------------------------------------------------

.
. xi: logistic con_h i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       5.27
                                                Prob > chi2     =     0.1532
Log likelihood = -239.69793                     Pseudo R2       =     0.0109

------------------------------------------------------------------------------
      con_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |    .374041   .1931773    -1.90   0.057     .1359275    1.029274
_Icc_adopt1_2 |   .7058824   .1831536    -1.34   0.179     .4244956    1.173793
_Icc_adopt1_3 |   .7429813   .2333147    -0.95   0.344     .4014942    1.374917
      _cons |   .5811966   .0886261    -3.56   0.000     .4310466    .7836496
------------------------------------------------------------------------------

.
. xi: logistic con_h i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1          _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(14)     =      14.55
```

```
                                  Prob > chi2     =     0.4096
Log likelihood = -235.05686                       Pseudo R2       =     0.0300

------------------------------------------------------------------------------
      con_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .4640639    .248957    -1.43   0.152     .1621558    1.328077
_Icc_adopt1_2 |   .7822566   .2130748    -0.90   0.367     .4586642    1.334147
_Icc_adopt1_3 |    .820891   .2644311    -0.61   0.540     .4366069    1.543407
 _Iorg_size_2 |   1.276459   .4096668     0.76   0.447     .6804903    2.394371
 _Iorg_size_3 |   1.008528   .4330516     0.02   0.984     .4347012    2.339835
 _Iorg_size_4 |   1.232379   .4529262     0.57   0.570     .5996654    2.532675
 _Iorg_size_5 |   .9750694    .469146    -0.05   0.958      .379741    2.503707
  _Icsect1_2 |   1.236192   .4966722     0.53   0.598     .5624627    2.716929
  _Icsect1_3 |   1.021036   .4171976     0.05   0.959     .4583932     2.27428
  _Icsect1_4 |    1.47674   .5983214     0.96   0.336     .6674643    3.267232
  _Icsect1_5 |   1.944424   .8162564     1.58   0.113     .8540086    4.427105
  _Icsect1_6 |   .9579996   .4685309    -0.09   0.930     .3673385    2.498413
  _Icsect1_7 |   2.037376    .894768     1.62   0.105     .8614764    4.818358
_Icomb_stat_2 |   1.507104   .3837412     1.61   0.107     .9149747    2.482433
       _cons |   .3055336   .1326386    -2.73   0.006     .1304772    .7154569
------------------------------------------------------------------------------

.
. xi: logistic con_i i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                     Number of obs   =       386
                                  LR chi2(3)      =      5.57
                                  Prob > chi2     =     0.1344
Log likelihood = -200.70129               Pseudo R2       =     0.0137
```

```
------------------------------------------------------------------------------
      con_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .3523404   .2233561    -1.65   0.100     .1017109    1.220555
_Icc_adopt1_2 |   .6130465   .1860912    -1.61   0.107     .3381504    1.111417
_Icc_adopt1_3 |   .9995473   .3349596    -0.00   0.999     .5182701    1.927749
      _cons |   .3405797   .0575196    -6.38   0.000     .2446028    .4742158
------------------------------------------------------------------------------

.
. xi: logistic con_i i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(14)     =      12.51
                                                Prob > chi2     =     0.5653
Log likelihood = -197.23204                     Pseudo R2       =     0.0307

------------------------------------------------------------------------------
      con_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .3373866    .221834    -1.65   0.098     .0929944    1.224049
_Icc_adopt1_2 |   .6030831   .1921659    -1.59   0.112     .3229617    1.126168
_Icc_adopt1_3 |   .9906758   .3422939    -0.03   0.978     .5033014    1.950001
 _Iorg_size_2 |   .9970434   .3611854    -0.01   0.993     .4901859    2.027997
 _Iorg_size_3 |   .6797775   .3559267    -0.74   0.461     .2436036    1.896924
 _Iorg_size_4 |   1.672005   .6620891     1.30   0.194     .7694395    3.633296
```

```
 _Iorg_size_5 |   1.250536   .6547243     0.43   0.669     .4481731    3.489369
  _Icsect1_2 |   .7951156   .3481983    -0.52   0.601     .3370317    1.875814
  _Icsect1_3 |   .7282127   .3190636    -0.72   0.469     .3085373    1.718735
  _Icsect1_4 |   1.039094   .4526942     0.09   0.930     .4424032     2.44057
  _Icsect1_5 |   .7316622   .3455172    -0.66   0.508     .2899631    1.846199
  _Icsect1_6 |   .5237819   .3032327    -1.12   0.264     .1684088    1.629056
  _Icsect1_7 |   .8548978   .4224546    -0.32   0.751     .3245533    2.251865
_Icomb_stat_2 |   .8211265   .2372947    -0.68   0.495     .4660409    1.446759
      _cons |    .414115   .1934535    -1.89   0.059     .1657612    1.034568
------------------------------------------------------------------------------

.
. xi: logistic con_j i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       0.30
                                                Prob > chi2     =     0.9606
Log likelihood =  -198.1593                     Pseudo R2       =     0.0007

------------------------------------------------------------------------------
      con_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   .8409611   .4422822    -0.33   0.742     .2999908    2.357457
_Icc_adopt1_2 |   1.079559   .3173484     0.26   0.795     .6067733    1.920731
_Icc_adopt1_3 |   1.105263   .3906996     0.28   0.777     .5528081    2.209821
      _cons |   .2585034   .0470437    -7.43   0.000     .1809508    .3692939
------------------------------------------------------------------------------

.
. xi: logistic con_j i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
```

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                 Number of obs   =        386
                                    LR chi2(14)     =       6.51
                                    Prob > chi2     =     0.9518
Log likelihood = -195.05085         Pseudo R2       =     0.0164

------------------------------------------------------------------------------
      con_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .9248417   .5127094    -0.14   0.888     .3120199    2.741275
_Icc_adopt1_2 |   1.164379   .3594902     0.49   0.622     .6357623    2.132526
_Icc_adopt1_3 |   1.134875   .4114532     0.35   0.727     .5576245    2.309694
 _Iorg_size_2 |   1.246831   .4573926     0.60   0.548     .6075046    2.558974
 _Iorg_size_3 |   1.312142   .6529722     0.55   0.585     .4947554    3.479937
 _Iorg_size_4 |   1.908645   .7753236     1.59   0.112     .8609001     4.23153
 _Iorg_size_5 |   1.391367   .7550729     0.61   0.543     .4802953    4.030652
  _Icsect1_2 |   1.199361   .5119887     0.43   0.670     .5194997    2.768948
  _Icsect1_3 |   .8990851    .391746    -0.24   0.807     .3827529    2.111948
  _Icsect1_4 |   1.131999   .5001269     0.28   0.779     .4761877    2.691003
  _Icsect1_5 |   .6678436   .3247891    -0.83   0.406     .2574625    1.732349
  _Icsect1_6 |   .4656052   .2869811    -1.24   0.215     .1391137    1.558352
  _Icsect1_7 |   .9190762   .4650588    -0.17   0.868     .3409084    2.477794
_Icomb_stat_2 |   .8455929   .2451643    -0.58   0.563     .4790391    1.492629
       _cons |   .2207696   .1056524    -3.16   0.002     .0864141    .5640191
------------------------------------------------------------------------------

.
```

```
. xi: logistic con_k i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                       Number of obs   =       386
                                  LR chi2(3)     =     16.95
                                  Prob > chi2    =     0.0007
Log likelihood = -248.48881               Pseudo R2      =     0.0330

------------------------------------------------------------------------------
      con_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   5.081967   2.269643     3.64   0.000     2.117772    12.19508
_Icc_adopt1_2 |   1.516524   .3764144     1.68   0.093     .9323383    2.466748
_Icc_adopt1_3 |   .9454823   .2955502    -0.18   0.858     .5123592    1.744746
      _cons |   .4919355    .076934    -4.54   0.000     .3620665    .6683869
------------------------------------------------------------------------------

.
. xi: logistic con_k i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                       Number of obs   =       386
                                  LR chi2(14)    =     25.29
                                  Prob > chi2    =     0.0318
Log likelihood = -244.32081               Pseudo R2      =     0.0492

------------------------------------------------------------------------------
      con_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
```

```
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   4.361351   2.046627     3.14   0.002     1.738531    10.94107
_Icc_adopt1_2 |   1.314201   .3437983     1.04   0.296     .7870187    2.194513
_Icc_adopt1_3 |   .8558059   .2746386    -0.49   0.628     .4562619    1.605227
 _Iorg_size_2 |   .5117214   .1535711    -2.23   0.026     .2841726    .9214781
 _Iorg_size_3 |   .6151445   .2500143    -1.20   0.232     .2773459    1.364371
 _Iorg_size_4 |   .4386305   .1562687    -2.31   0.021     .2181954    .8817635
 _Iorg_size_5 |    .652438    .292402    -0.95   0.341     .2710552    1.570438
  _Icsect1_2 |   .7271364   .2832283    -0.82   0.413     .3388931     1.56016
  _Icsect1_3 |   1.150971   .4336579     0.37   0.709     .5499868    2.408665
  _Icsect1_4 |   .7609448   .3018586    -0.69   0.491      .349696     1.65583
  _Icsect1_5 |   1.133293   .4566867     0.31   0.756     .5144356    2.496627
  _Icsect1_6 |   .9555306   .4340545    -0.10   0.920     .3922673    2.327593
  _Icsect1_7 |   1.028187   .4449912     0.06   0.949     .4402293    2.401405
_Icomb_stat_2 |   .9850537   .2446284    -0.06   0.952     .6054418    1.602682
       _cons |   .9191192   .3671092    -0.21   0.833      .420136     2.01073
------------------------------------------------------------------------------

.
. xi: logistic con_l i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =      27.93
                                                Prob > chi2     =     0.0000
Log likelihood = -222.83688                     Pseudo R2       =     0.0590

------------------------------------------------------------------------------
      con_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   6.181818   2.648218     4.25   0.000     2.669756      14.314
```

```
_Icc_adopt1_2 |     2.875    .766865     3.96   0.000     1.704481    4.849351
_Icc_adopt1_3 |   1.478261   .4998761     1.16   0.248     .7619316    2.868046
      _cons |       .25   .0459509    -7.54   0.000     .1743757    .3584214
------------------------------------------------------------------------------

.
. xi: logistic con_l i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        386
                                                  LR chi2(14)     =      37.07
                                                  Prob > chi2     =     0.0007
Log likelihood = -218.26443                       Pseudo R2       =     0.0783

------------------------------------------------------------------------------
      con_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   7.399474   3.393764     4.36   0.000     3.011604    18.18042
_Icc_adopt1_2 |   3.071062   .8664221     3.98   0.000     1.766622    5.338674
_Icc_adopt1_3 |   1.409401   .4922591     0.98   0.326     .7107823    2.794681
 _Iorg_size_2 |   .7222577   .2308836    -1.02   0.309     .3860017    1.351435
 _Iorg_size_3 |   .7662619    .341301    -0.60   0.550     .3200687    1.834473
 _Iorg_size_4 |   .7893034     .29818    -0.63   0.531     .3764266    1.655037
 _Iorg_size_5 |   1.626571   .7498631     1.06   0.291      .658964    4.014987
  _Icsect1_2 |   1.286339   .5237695     0.62   0.536     .5791148    2.857238
  _Icsect1_3 |   1.631951   .6560978     1.22   0.223     .7421577    3.588542
  _Icsect1_4 |   .9789044   .4166516    -0.05   0.960     .4250528    2.254435
  _Icsect1_5 |   1.415413   .6130085     0.80   0.422     .6056646    3.307763
```

```
  _Icsect1_6 |   1.028631   .5049947     0.06   0.954     .3929813    2.692448
  _Icsect1_7 |    1.12463   .5382309     0.25   0.806     .4401876    2.873306
_Icomb_stat_2 |   1.531181   .4101472     1.59   0.112      .905776    2.588405
       _cons |   .1935684   .0845649    -3.76   0.000      .082218    .4557239
------------------------------------------------------------------------------

.
. xi: logistic con_m i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       0.70
                                                Prob > chi2     =     0.8724
Log likelihood =  -140.6424                     Pseudo R2       =     0.0025

------------------------------------------------------------------------------
      con_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   .8890909   .5795637    -0.18   0.857     .2477884    3.190152
_Icc_adopt1_2 |   1.169856   .4198179     0.44   0.662     .5789859    2.363726
_Icc_adopt1_3 |   .7799043   .3787157    -0.51   0.609     .3010955    2.020126
       _cons |   .1349693    .030656    -8.82   0.000     .0864767    .2106547
------------------------------------------------------------------------------

.
. xi: logistic con_m i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1          _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)
```

```
Logistic regression                             Number of obs   =        386
                                                LR chi2(14)     =       8.10
                                                Prob > chi2     =     0.8839
Log likelihood = -136.94302                     Pseudo R2       =     0.0287

------------------------------------------------------------------------------
      con_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.028582   .7044689     0.04   0.967     .2686932    3.937505
_Icc_adopt1_2 |    1.23138   .4664003     0.55   0.583     .5861237    2.586992
_Icc_adopt1_3 |   .8289445   .4124564    -0.38   0.706     .3126041    2.198145
 _Iorg_size_2 |   .6154578   .2791111    -1.07   0.284     .2530329    1.496992
 _Iorg_size_3 |   .5262255   .3418221    -0.99   0.323     .1473174    1.879706
 _Iorg_size_4 |   1.306514   .6126665     0.57   0.569     .5211447    3.275442
 _Iorg_size_5 |    .73374   .4834946    -0.47   0.638     .2016726    2.669547
  _Icsect1_2 |   1.036524    .583802     0.06   0.949     .3436819    3.126095
  _Icsect1_3 |    1.35992   .7564501     0.55   0.580     .4571257    4.045673
  _Icsect1_4 |   1.278806   .7031281     0.45   0.655     .4352986    3.756836
  _Icsect1_5 |   1.409825   .8409516     0.58   0.565     .4379546    4.538387
  _Icsect1_6 |   1.134175    .760415     0.19   0.851     .3047801    4.220595
  _Icsect1_7 |   .7253864   .5262268    -0.44   0.658     .1750132    3.006547
_Icomb_stat_2 |   1.655414   .5997861     1.39   0.164     .8137689    3.367536
       _cons |   .1098503    .065198    -3.72   0.000     .0343241    .3515633
------------------------------------------------------------------------------

.
. xi: logistic con_n i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       3.20
```

```
                                  Prob > chi2     =     0.3614
Log likelihood = -166.84518                       Pseudo R2       =     0.0095

------------------------------------------------------------------------------
      con_n | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    .341629   .2589394    -1.42   0.156     .0773361    1.509132
_Icc_adopt1_2 |   .7012384   .2359615    -1.05   0.292     .3626124    1.356091
_Icc_adopt1_3 |   .8379578   .3298002    -0.45   0.653     .3874445     1.81232
      _cons |   .2251656   .0427425    -7.85   0.000     .1552104    .3266502
------------------------------------------------------------------------------

.
. xi: logistic con_n i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1          _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                     Number of obs   =       386
                                  LR chi2(14)     =     17.74
                                  Prob > chi2     =     0.2190
Log likelihood = -159.57772                       Pseudo R2       =     0.0527

------------------------------------------------------------------------------
      con_n | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .4156153   .3286419    -1.11   0.267      .08823    1.957794
_Icc_adopt1_2 |   .7863357    .279166    -0.68   0.498     .3921148    1.576895
_Icc_adopt1_3 |   .8139749   .3341761    -0.50   0.616     .3640421    1.819996
 _Iorg_size_2 |   1.153374   .5212343     0.32   0.752     .475657    2.796702
```

```
 _Iorg_size_3 |   1.098566   .6536206     0.16   0.874     .3422799    3.525907
 _Iorg_size_4 |   2.496742   1.167632     1.96   0.050     .9983864    6.243794
 _Iorg_size_5 |   3.052318   1.723561     1.98   0.048     1.009205    9.231668
  _Icsect1_2 |   .7791051    .430388    -0.45   0.651     .2638645    2.300441
  _Icsect1_3 |   1.303961    .657139     0.53   0.598     .4856196    3.501328
  _Icsect1_4 |   1.949224   .9637479     1.35   0.177     .7396143    5.137103
  _Icsect1_5 |   .8961147   .5093816    -0.19   0.847     .2941116     2.73033
  _Icsect1_6 |   .5267793   .3817412    -0.88   0.376     .1272882    2.180063
  _Icsect1_7 |   1.099235   .6491731     0.16   0.873     .3454603    3.497704
_Icomb_stat_2 |   .8546238   .2844133    -0.47   0.637     .445144    1.640776
       _cons |   .1421312   .0815585    -3.40   0.001     .0461581    .4376538
------------------------------------------------------------------------------

.
. xi: logistic con_o i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        386
                                                LR chi2(3)      =       1.20
                                                Prob > chi2     =     0.7527
Log likelihood = -221.26598                     Pseudo R2       =     0.0027

------------------------------------------------------------------------------
      con_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .9787234   .4580166    -0.05   0.963     .3911292    2.449062
_Icc_adopt1_2 |   .9551397   .2660852    -0.16   0.869     .5532699    1.648909
_Icc_adopt1_3 |   1.365661   .4356838     0.98   0.329     .7307785    2.552112
       _cons |   .3405797   .0575196    -6.38   0.000     .2446028    .4742158
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_o i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                         Number of obs   =        386
                                            LR chi2(14)     =      13.09
                                            Prob > chi2     =     0.5197
Log likelihood = -215.32334                 Pseudo R2       =     0.0295

------------------------------------------------------------------------------
      con_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .8732645    .431371    -0.27   0.784     .3316449     2.29942
_Icc_adopt1_2 |    .915873   .2706198    -0.30   0.766     .5132446    1.634354
_Icc_adopt1_3 |   1.387755   .4566159     1.00   0.319     .7281821    2.644754
 _Iorg_size_2 |   1.183511   .4022858     0.50   0.620     .6079131     2.30411
 _Iorg_size_3 |   2.063733   .9065735     1.65   0.099     .8724306    4.881759
 _Iorg_size_4 |   1.174619   .4654091     0.41   0.685     .5402974    2.553649
 _Iorg_size_5 |   1.241546   .6281252     0.43   0.669     .4605971    3.346603
  _Icsect1_2 |   .9385973   .3702402    -0.16   0.872     .4332248    2.033505
  _Icsect1_3 |   .4358522   .1843216    -1.96   0.050     .1902684    .9984168
  _Icsect1_4 |   .7187574   .3003861    -0.79   0.429     .3168434    1.630497
  _Icsect1_5 |   .6631526   .2868008    -0.95   0.342     .2841091    1.547896
  _Icsect1_6 |   1.281875   .5792538     0.55   0.583     .5286946    3.108041
  _Icsect1_7 |   .3709596    .195894    -1.88   0.060     .131774    1.044296
_Icomb_stat_2 |   .8078166   .2190854    -0.79   0.431     .4747457    1.374562
      _cons |   .4234285   .1846118    -1.97   0.049     .1801616    .9951715
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_p i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                       Number of obs   =       386
                                  LR chi2(3)      =      1.17
                                  Prob > chi2     =    0.7592
Log likelihood = -256.84798               Pseudo R2       =    0.0023

------------------------------------------------------------------------------
      con_p | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.113322   .4630475     0.26   0.796     .4927118    2.51564
_Icc_adopt1_2 |   1.062716   .2641193     0.24   0.807     .6529295    1.72969
_Icc_adopt1_3 |   1.376471   .4072553     1.08   0.280     .7707661    2.458166
      _cons |   .5811966   .0886261    -3.56   0.000     .4310466    .7836496
------------------------------------------------------------------------------

.
. xi: logistic con_p i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                       Number of obs   =       386
                                  LR chi2(14)     =     18.49
                                  Prob > chi2     =    0.1855
Log likelihood = -248.19145               Pseudo R2       =    0.0359
```

```
------------------------------------------------------------------------------
      con_p | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   .9010547    .39793    -0.24   0.813     .3791732    2.141237
_Icc_adopt1_2 |   .9829603   .2599715    -0.06   0.948     .5853447     1.65067
_Icc_adopt1_3 |   1.414449   .4374646     1.12   0.262      .771481    2.593279
 _Iorg_size_2 |   1.615563   .4841258     1.60   0.109     .8979448    2.906687
 _Iorg_size_3 |   .9831592   .4106931    -0.04   0.968      .433564    2.229434
 _Iorg_size_4 |   .9367077   .3337874    -0.18   0.854     .4658929    1.883311
 _Iorg_size_5 |   .8058977   .3801658    -0.46   0.647     .3197002      2.0315
  _Icsect1_2 |   1.353436   .5055902     0.81   0.418     .6508222    2.814576
  _Icsect1_3 |   .7018077   .2663302    -0.93   0.351     .3335755    1.476529
  _Icsect1_4 |   .9730994   .3806318    -0.07   0.944     .4520706    2.094634
  _Icsect1_5 |   .9596457   .3811723    -0.10   0.917     .4405678    2.090302
  _Icsect1_6 |   1.712837   .7568434     1.22   0.223     .7204427    4.072232
  _Icsect1_7 |   .6695652    .297474    -0.90   0.367      .280299    1.599426
_Icomb_stat_2 |   .6145587   .1527196    -1.96   0.050     .3776046    1.000206
       _cons |   .6351861   .2551426    -1.13   0.259     .2890606    1.395767
------------------------------------------------------------------------------

.
. xi: logistic con_a i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       7.49
                                                Prob > chi2     =     0.0577
Log likelihood = -105.36071                     Pseudo R2       =     0.0343

------------------------------------------------------------------------------
      con_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
```

```
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   4.852459   5.245193     1.46   0.144     .5832682    40.36969
_Icc_adopt1_2 |    2.19877   .9904313     1.75   0.080     .9094065    5.316206
_Icc_adopt1_3 |   .7076503   .3150295    -0.78   0.437     .2957219    1.693378
      _cons |   1.648649   .3435385     2.40   0.016     1.095868    2.480264
------------------------------------------------------------------------------

.
. xi: logistic con_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      24.65
                                                Prob > chi2     =     0.0382
Log likelihood = -96.785592                     Pseudo R2       =     0.1129

------------------------------------------------------------------------------
      con_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   3.306386   3.776156     1.05   0.295     .3525443    31.00941
_Icc_adopt1_2 |   2.353552   1.152787     1.75   0.081     .9011543    6.146792
_Icc_adopt1_3 |   .6302489   .3051494    -0.95   0.340     .2439964    1.627949
 _Iorg_size_2 |   .3480256   .2027518    -1.81   0.070     .1111017    1.090189
 _Iorg_size_3 |   .1756855   .1133771    -2.69   0.007      .049593     .622374
 _Iorg_size_4 |   .4032433    .263562    -1.39   0.165     .1119998    1.451834
 _Iorg_size_5 |   1.211889   1.040998     0.22   0.823     .2250562    6.525816
  _Icsect1_2 |   .6453538   .4206654    -0.67   0.502     .1798678    2.315487
  _Icsect1_3 |   .4554739   .3044617    -1.18   0.239     .1228789    1.688299
```

```
  _Icsect1_4 |   .7886713   .4686569    -0.40   0.690    .2460829    2.527614
  _Icsect1_5 |   .5571012   .3546249    -0.92   0.358    .1599921    1.939857
  _Icsect1_6 |   1.129732   .7956645     0.17   0.862    .2841047    4.492338
  _Icsect1_7 |   .7132938   .5275428    -0.46   0.648    .1673905    3.039527
_Icomb_stat_2 |   1.563652   .6701157     1.04   0.297    .6750729    3.621841
      _cons |   4.664384   2.853447     2.52   0.012    1.406274    15.47101
------------------------------------------------------------------------------

.
. xi: logistic con_b i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       4.23
                                                Prob > chi2     =     0.2379
Log likelihood = -114.29348                     Pseudo R2       =     0.0182

------------------------------------------------------------------------------
      con_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          2   1.470804     0.94   0.346     .4732107    8.452894
_Icc_adopt1_2 |   2.083333   .8440706     1.81   0.070     .9416536    4.609209
_Icc_adopt1_3 |        1.6   .7214498     1.04   0.297     .6611622     3.87197
      _cons |          1   .2020305     0.00   1.000     .6730252    1.485828
------------------------------------------------------------------------------

.
. xi: logistic con_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
```

```
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        170
                                                  LR chi2(14)     =      21.60
                                                  Prob > chi2     =     0.0871
Log likelihood = -105.60568                       Pseudo R2       =     0.0928

------------------------------------------------------------------------------
      con_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.503645   1.240441     0.49   0.621     .2984981    7.574416
_Icc_adopt1_2 |   1.953644    .853755     1.53   0.125     .8295929    4.600722
_Icc_adopt1_3 |    1.46322   .7068726     0.79   0.431     .5676745     3.77155
 _Iorg_size_2 |   .4374921   .2231527    -1.62   0.105     .1609888    1.188898
 _Iorg_size_3 |   .2263115   .1332251    -2.52   0.012     .0713873    .7174508
 _Iorg_size_4 |   .6363021   .3681822    -0.78   0.435     .2047077    1.977846
 _Iorg_size_5 |   2.302367   1.841036     1.04   0.297     .4803197    11.03618
  _Icsect1_2 |   .7942926   .4869602    -0.38   0.707     .2388531    2.641375
  _Icsect1_3 |   .7231343   .4660369    -0.50   0.615     .2044781    2.557356
  _Icsect1_4 |   .8067468   .4295766    -0.40   0.687     .2841118    2.290789
  _Icsect1_5 |   .9073055   .5490603    -0.16   0.872     .2771053    2.970724
  _Icsect1_6 |   1.218288   .7722445     0.31   0.755     .3517169    4.219946
  _Icsect1_7 |   .5355136   .3779705    -0.88   0.376     .1342717     2.13578
_Icomb_stat_2 |   .6802443   .2732346    -0.96   0.337     .3095721    1.494748
      _cons |   2.510133   1.381085     1.67   0.094     .8538119    7.379571
------------------------------------------------------------------------------

.
. xi: logistic con_c i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.68
                                                Prob > chi2     =     0.6419
Log likelihood = -106.17627                     Pseudo R2       =     0.0078

------------------------------------------------------------------------------
      con_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |         .9   .6640783    -0.14   0.886     .2119195    3.822207
_Icc_adopt1_2 |   .5785714   .2530348    -1.25   0.211     .2455212    1.363405
_Icc_adopt1_3 |         .8   .3794733    -0.47   0.638      .31574    2.026984
      _cons |   .5555556   .1171214    -2.79   0.005     .3675179    .8398013
------------------------------------------------------------------------------

.
. xi: logistic con_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      14.94
                                                Prob > chi2     =     0.3825
Log likelihood = -99.546801                     Pseudo R2       =     0.0698

------------------------------------------------------------------------------
      con_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .5835834   .4820052    -0.65   0.514     .1156275    2.945404
_Icc_adopt1_2 |   .5051591   .2342217    -1.47   0.141      .203592    1.253417
```

```
_Icc_adopt1_3 |   .7869368   .4025637    -0.47   0.640    .2887361    2.14476
 _Iorg_size_2 |   .3608411   .1843236    -2.00   0.046    .1325892    .9820279
 _Iorg_size_3 |   .3072045   .1846015    -1.96   0.050    .0946094    .9975186
 _Iorg_size_4 |   .2948633   .1765972    -2.04   0.041    .0911645    .9537085
 _Iorg_size_5 |   .9054027   .6368974    -0.14   0.888    .2280719    3.594279
  _Icsect1_2 |   .6648841   .4204921    -0.65   0.519    .1924958    2.296522
  _Icsect1_3 |   .2359889   .1714927    -1.99   0.047     .056797    .9805238
  _Icsect1_4 |   .6276763   .3408303    -0.86   0.391    .2165362    1.819453
  _Icsect1_5 |   .8658533   .5230783    -0.24   0.812    .2649827    2.829249
  _Icsect1_6 |    .682115   .4237578    -0.62   0.538    .2018628    2.304936
  _Icsect1_7 |    .993625   .7016593    -0.01   0.993    .2489643    3.965591
_Icomb_stat_2 |   1.119741   .4665856     0.27   0.786      .4948    2.533992
       _cons |     1.7239   .9044245     1.04   0.299    .6165081    4.820424
------------------------------------------------------------------------------

.
. xi: logistic con_d i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.72
                                                Prob > chi2     =     0.6328
Log likelihood = -114.97972                     Pseudo R2       =     0.0074

------------------------------------------------------------------------------
      con_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .3654485   .3023067    -1.22   0.224    .0722261    1.84909
_Icc_adopt1_2 |   .9745293    .379387    -0.07   0.947    .4543806    2.090114
_Icc_adopt1_3 |   .9379845   .4184435    -0.14   0.886    .3912613    2.248664
       _cons |   .7818182   .1591487    -1.21   0.227    .5246059    1.165141
```

```
------------------------------------------------------------------------------

.
. xi: logistic con_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      19.32
                                                Prob > chi2     =     0.1532
Log likelihood =  -106.1801                     Pseudo R2       =     0.0834

------------------------------------------------------------------------------
      con_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .4742184   .4395211    -0.80   0.421     .0771005    2.916754
_Icc_adopt1_2 |   .7977074    .332894    -0.54   0.588     .3520674     1.80743
_Icc_adopt1_3 |    1.11223   .5368666     0.22   0.826      .431842    2.864602
 _Iorg_size_2 |   1.033949   .5302599     0.07   0.948     .3784084    2.825121
 _Iorg_size_3 |   3.750193    2.19179     2.26   0.024     1.19281     11.7906
 _Iorg_size_4 |    1.29784    .740151     0.46   0.648     .4244098    3.968777
 _Iorg_size_5 |   2.745627   1.887116     1.47   0.142     .7138324    10.56056
  _Icsect1_2 |   1.649169   .9942363     0.83   0.407     .5059414    5.375638
  _Icsect1_3 |   .7832903    .495247    -0.39   0.699     .2268495    2.704628
  _Icsect1_4 |   .9755753   .5129396    -0.05   0.962     .3481085    2.734053
  _Icsect1_5 |   1.929938   1.147483     1.11   0.269     .6017896    6.189306
  _Icsect1_6 |   .6066365   .3848539    -0.79   0.431     .1749529    2.103469
  _Icsect1_7 |   .5032599   .3892695    -0.89   0.375     .1105074    2.291887
_Icomb_stat_2 |   1.483648   .5984408     0.98   0.328     .6729642    3.270917
```

```
      _cons |    .436025   .2323476    -1.56   0.119    .1534355    1.239073
------------------------------------------------------------------------------

.
. xi: logistic con_e i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       3.73
                                                Prob > chi2     =     0.2920
Log likelihood = -67.340271                     Pseudo R2       =     0.0270

------------------------------------------------------------------------------
      con_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   .5555556   .6068171    -0.54   0.590     .0653108    4.725743
_Icc_adopt1_2 |   .3921569   .2573937    -1.43   0.154     .1083354    1.419546
_Icc_adopt1_3 |   .3703704   .2892026    -1.27   0.203     .0801637    1.711175
      _cons |       .225   .0586968    -5.72   0.000     .1349353    .3751797
------------------------------------------------------------------------------

.
. xi: logistic con_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      12.10
                                                Prob > chi2     =     0.5985
```

Log likelihood = -63.157075 Pseudo R2 = 0.0874

---

con_e | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

---+---

_Icc_adopt1_1 | .4727709 .5502497 -0.64 0.520 .0483006 4.62753

_Icc_adopt1_2 | .3422183 .2329964 -1.57 0.115 .0901094 1.29968

_Icc_adopt1_3 | .3961586 .3255585 -1.13 0.260 .0791337 1.983246

_Iorg_size_2 | 1.104696 .769713 0.14 0.886 .2819391 4.328425

_Iorg_size_3 | .8370409 .6818359 -0.22 0.827 .1695805 4.131593

_Iorg_size_4 | .3354156 .3289761 -1.11 0.265 .0490595 2.293206

_Iorg_size_5 | 1.2757 1.142079 0.27 0.786 .2206506 7.375511

_Icsect1_2 | 3.188754 2.343588 1.58 0.115 .7551389 13.46527

_Icsect1_3 | 1.009562 .8949717 0.01 0.991 .1776426 5.73745

_Icsect1_4 | .7764874 .6198707 -0.32 0.751 .1624125 3.712355

_Icsect1_5 | .9223487 .8080364 -0.09 0.926 .1656488 5.135729

_Icsect1_6 | 1.279081 1.056968 0.30 0.766 .253226 6.460823

_Icsect1_7 | .4860463 .5779602 -0.61 0.544 .0472617 4.998571

_Icomb_stat_2 | 1.352965 .75967 0.54 0.590 .4501416 4.066528

_cons | .2000978 .1524369 -2.11 0.035 .0449559 .8906312

.

. xi: logistic con_f i.cc_adopt1 if year==2, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression Number of obs = 170

LR chi2(3) = 0.60

Prob > chi2 = 0.8961

Log likelihood = -94.742981 Pseudo R2 = 0.0032

```
------------------------------------------------------------------------------
     con_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.541667   1.148702     0.58   0.561     .3578959    6.640859
_Icc_adopt1_2 |   .8505747    .394086    -0.35   0.727     .3430331     2.10906
_Icc_adopt1_3 |   1.135965   .5687418     0.25   0.799     .4257897    3.030642
      _cons |   .3243243   .0761853    -4.79   0.000     .2046578    .5139616
------------------------------------------------------------------------------

.
. xi: logistic con_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      22.54
                                                Prob > chi2     =     0.0682
Log likelihood = -83.773273                     Pseudo R2       =     0.1186

------------------------------------------------------------------------------
     con_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .9534326   .7959157    -0.06   0.954     .1856589    4.896258
_Icc_adopt1_2 |   .8771649   .4440153    -0.26   0.796     .3252433     2.36567
_Icc_adopt1_3 |   1.425599    .797498     0.63   0.526     .4762386    4.267467
 _Iorg_size_2 |   .6939531   .3734776    -0.68   0.497     .2416703    1.992678
 _Iorg_size_3 |   .4825579   .3093679    -1.14   0.256     .1373549    1.695332
 _Iorg_size_4 |   .1220814   .0956638    -2.68   0.007      .026281    .5670964
 _Iorg_size_5 |   .6852128   .5581538    -0.46   0.643     .1388233    3.382118
```

```
  _Icsect1_2 |   .6566565   .4360394    -0.63   0.526    .1786962    2.413022
  _Icsect1_3 |   .0915134   .1038231    -2.11   0.035    .0099034    .8456356
  _Icsect1_4 |   .5841144   .3411633    -0.92   0.357    .1859248    1.835095
  _Icsect1_5 |   .4947792    .335792    -1.04   0.300    .1308356    1.871099
  _Icsect1_6 |   1.344147   .8512736     0.47   0.641    .3884765    4.650811
  _Icsect1_7 |   .8830118   .6726767    -0.16   0.870    .1983914     3.93016
_Icomb_stat_2 |   1.531981   .6894452     0.95   0.343    .6341363    3.701041
      _cons |   .7234606   .3950312    -0.59   0.553    .2481037    2.109582
------------------------------------------------------------------------------

.
. xi: logistic con_g i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       0.51
                                                Prob > chi2     =     0.9161
Log likelihood =  -106.0077                     Pseudo R2       =     0.0024

------------------------------------------------------------------------------
      con_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   1.189655   .8814498     0.23   0.815     .2784462    5.082775
_Icc_adopt1_2 |   1.288793    .527564     0.62   0.535     .5777582    2.874884
_Icc_adopt1_3 |   1.259635   .5893559     0.49   0.622     .5034843    3.151399
      _cons |   .4202899   .0930119    -3.92   0.000     .2723796    .6485199
------------------------------------------------------------------------------

.
. xi: logistic con_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

i.org_size _Iorg_size_1-5 (naturally coded; _Iorg_size_1 omitted)

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

Logistic regression Number of obs = 170

LR chi2(14) = 29.34

Prob > chi2 = 0.0094

Log likelihood = -91.595166 Pseudo R2 = 0.1380

---

con_g | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

---+---

_Icc_adopt1_1 | 1.202434 1.005396 0.22 0.826 .23353 6.191269

_Icc_adopt1_2 | 1.393969 .6420529 0.72 0.471 .5651911 3.43804

_Icc_adopt1_3 | 1.525482 .8058082 0.80 0.424 .5417204 4.295749

_Iorg_size_2 | 1.133968 .6392016 0.22 0.824 .3756559 3.423032

_Iorg_size_3 | .7004701 .469549 -0.53 0.595 .1882782 2.606028

_Iorg_size_4 | .872608 .5485659 -0.22 0.828 .2545133 2.991768

_Iorg_size_5 | 5.73626 4.37395 2.29 0.022 1.287004 25.56688

_Icsect1_2 | .8321167 .5831426 -0.26 0.793 .2107013 3.286256

_Icsect1_3 | .8110622 .6131277 -0.28 0.782 .1843244 3.568827

_Icsect1_4 | 2.641925 1.461238 1.76 0.079 .8935611 7.81118

_Icsect1_5 | 1.422453 1.003679 0.50 0.617 .3568062 5.670788

_Icsect1_6 | 4.170209 2.722875 2.19 0.029 1.159788 14.99468

_Icsect1_7 | .5559078 .5011984 -0.65 0.515 .0949668 3.254121

_Icomb_stat_2 | 2.551247 1.117292 2.14 0.032 1.081378 6.019041

_cons | .1568715 .0966688 -3.01 0.003 .0468823 .524903

.

. xi: logistic con_h i.cc_adopt1 if year==2, or

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                       Number of obs   =       170
                                          LR chi2(3)      =      1.56
                                          Prob > chi2     =    0.6681
Log likelihood = -104.70504               Pseudo R2       =    0.0074

------------------------------------------------------------------------------
      con_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .5892858   .4892345    -0.64   0.524     .115783    2.999212
_Icc_adopt1_2 |   1.117188   .4537917     0.27   0.785    .5039362    2.476718
_Icc_adopt1_3 |    .61875    .317358    -0.94   0.349    .2264292    1.690822
      _cons |   .4848485   .1044413    -3.36   0.001    .3178693    .7395431
------------------------------------------------------------------------------

.
. xi: logistic con_h i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                       Number of obs   =       170
                                          LR chi2(14)     =      9.82
                                          Prob > chi2     =    0.7749
Log likelihood = -100.57365               Pseudo R2       =    0.0466

------------------------------------------------------------------------------
      con_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
```

```
_Icc_adopt1_1 |   .8107073   .7186715    -0.24   0.813     .1426578    4.607154
_Icc_adopt1_2 |   1.180451   .5015754     0.39   0.696     .5132997    2.714718
_Icc_adopt1_3 |   .6827915   .3656729    -0.71   0.476     .2390134    1.950536
 _Iorg_size_2 |   1.218769   .6618925     0.36   0.716     .4203863    3.533412
 _Iorg_size_3 |   .9927607   .6270303    -0.01   0.991     .2878879    3.423464
 _Iorg_size_4 |   1.237399   .7593048     0.35   0.728     .3716955    4.119384
 _Iorg_size_5 |   3.032038   2.134362     1.58   0.115     .7630319    12.04832
  _Icsect1_2 |   1.425338   .8694007     0.58   0.561     .4312389     4.71105
  _Icsect1_3 |   .7043046   .4742456    -0.52   0.603     .1881921    2.635843
  _Icsect1_4 |   .7584067   .4361611    -0.48   0.631     .2456827    2.341153
  _Icsect1_5 |   .8185129   .5179265    -0.32   0.752     .2368181    2.829021
  _Icsect1_6 |   1.087578    .690869     0.13   0.895     .3131455    3.777239
  _Icsect1_7 |   2.858651    1.99793     1.50   0.133     .7265252     11.2479
_Icomb_stat_2 |   .9354254   .3862603    -0.16   0.872     .4164156    2.101316
      _cons |   .3679053   .2072993    -1.77   0.076     .1219325    1.110076
------------------------------------------------------------------------------

.
. xi: logistic con_i i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       0.95
                                                Prob > chi2     =     0.8127
Log likelihood =  -66.89953                     Pseudo R2       =     0.0071

------------------------------------------------------------------------------
      con_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   2.047619    1.75883     0.83   0.404     .3802752    11.02555
_Icc_adopt1_2 |   1.387097   .7519625     0.60   0.546     .4793578    4.013782
```

```
_Icc_adopt1_3 |   .9347826   .6420622    -0.10   0.922     .2432522    3.592233
      _cons |   .1395349   .0429988    -6.39   0.000     .0762743    .2552626
------------------------------------------------------------------------------

.
. xi: logistic con_i i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        170
                                                  LR chi2(14)     =      10.22
                                                  Prob > chi2     =     0.7462
Log likelihood = -62.267685                       Pseudo R2       =     0.0758

------------------------------------------------------------------------------
      con_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.372328   1.299221     0.33   0.738     .2145865    8.776345
_Icc_adopt1_2 |   1.221285   .6987768     0.35   0.727     .3979138    3.748392
_Icc_adopt1_3 |   1.035985   .7536718     0.05   0.961     .2489488    4.311185
 _Iorg_size_2 |   .4053104   .2571109    -1.42   0.155     .1169024    1.405245
 _Iorg_size_3 |    .201788   .1780129    -1.81   0.070     .0358083    1.137121
 _Iorg_size_4 |   .1735309   .1558728    -1.95   0.051     .0298395    1.009165
 _Iorg_size_5 |   .9214418   .7634871    -0.10   0.921      .181627    4.674718
  _Icsect1_2 |   1.170457   .9588315     0.19   0.848     .2349934    5.829816
  _Icsect1_3 |   .5537396   .5495222    -0.60   0.551     .0791748    3.872792
  _Icsect1_4 |   .8961425   .6535757    -0.15   0.880     .2145743    3.742626
  _Icsect1_5 |   1.529312   1.251189     0.52   0.604     .3076772    7.601454
  _Icsect1_6 |   1.133055   .9284225     0.15   0.879     .2273937    5.645774
```

```
  _Icsect1_7 |   .6269072   .7421859    -0.39   0.693     .0615855    6.381575
_Icomb_stat_2 |   1.785092   1.039745     0.99   0.320     .5699933     5.59051
      _cons |    .248496   .1677875    -2.06   0.039     .0661573    .9333856
------------------------------------------------------------------------------

.
. xi: logistic con_j i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.43
                                                Prob > chi2     =     0.6989
Log likelihood = -85.722183                     Pseudo R2       =     0.0083

------------------------------------------------------------------------------
      con_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   2.222224   1.674878     1.06   0.289     .5072732    9.734951
_Icc_adopt1_2 |   1.428571   .6622179     0.77   0.442     .5758712    3.543877
_Icc_adopt1_3 |   1.058201   .5945495     0.10   0.920     .3518206    3.182843
      _cons |      .225   .0586968    -5.72   0.000     .1349353    .3751797
------------------------------------------------------------------------------

.
. xi: logistic con_j i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1          _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
```

```
                                  LR chi2(14)    =     11.99
                                  Prob > chi2    =     0.6074
Log likelihood = -80.443055                       Pseudo R2      =     0.0693

------------------------------------------------------------------------------
      con_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   3.868193   3.356216     1.56   0.119     .7062653    21.18597
_Icc_adopt1_2 |    1.45479   .7109226     0.77   0.443     .5582612    3.791081
_Icc_adopt1_3 |   1.397721    .836741     0.56   0.576     .4323659     4.51845
 _Iorg_size_2 |   1.929252   1.270538     1.00   0.318     .5306614    7.013913
 _Iorg_size_3 |   1.312249   1.010041     0.35   0.724     .2902983    5.931817
 _Iorg_size_4 |   1.078581   .8362855     0.10   0.922      .235976    4.929898
 _Iorg_size_5 |   3.459382   2.758628     1.56   0.120     .7248058    16.51107
  _Icsect1_2 |    1.36578   .9256531     0.46   0.646     .361811    5.155608
  _Icsect1_3 |   1.565512   1.134138     0.62   0.536     .3784442     6.47606
  _Icsect1_4 |    .651592   .4337279    -0.64   0.520     .176758    2.401997
  _Icsect1_5 |   .8313221   .6438718    -0.24   0.811      .18218    3.793482
  _Icsect1_6 |   .3662691   .3200637    -1.15   0.250     .0660662    2.030586
  _Icsect1_7 |   1.104798   .9116365     0.12   0.904     .2192324    5.567513
_Icomb_stat_2 |   1.851501   .9071186     1.26   0.209     .7087434    4.836809
       _cons |   .1065834   .0730413    -3.27   0.001     .0278205    .4083336
------------------------------------------------------------------------------

.
. xi: logistic con_k i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                     Number of obs   =        170
                                  LR chi2(3)     =     13.17
                                  Prob > chi2    =     0.0043
```

```
Log likelihood = -107.82662                     Pseudo R2       =     0.0576

------------------------------------------------------------------------------
      con_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   6.893933   5.720487     2.33   0.020     1.355664    35.05758
_Icc_adopt1_2 |   2.585227    1.02045     2.41   0.016      1.19264     5.60387
_Icc_adopt1_3 |   .7256779   .3563783    -0.65   0.514     .2771541    1.900056
      _cons |   .5076923   .1085175    -3.17   0.002     .3339328    .7718663
------------------------------------------------------------------------------

.
. xi: logistic con_k i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1          _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =       170
                                                LR chi2(14)     =     20.38
                                                Prob > chi2     =    0.1187
Log likelihood = -104.22278                     Pseudo R2       =    0.0891

------------------------------------------------------------------------------
      con_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   5.417974   4.736299     1.93   0.053     .9766328    30.05679
_Icc_adopt1_2 |   2.568142   1.065071     2.27   0.023     1.139214    5.789392
_Icc_adopt1_3 |   .7276845   .3706834    -0.62   0.533     .2681267    1.974905
 _Iorg_size_2 |   .5300437   .2682671    -1.25   0.210     .1965619    1.429302
 _Iorg_size_3 |   .4331013   .2544232    -1.42   0.154     .1369479    1.369694
```

```
 _Iorg_size_4 |   .342356   .2021255    -1.82   0.069    .1076297    1.08899
 _Iorg_size_5 |   .9557599   .6553836    -0.07   0.947     .249266    3.664668
  _Icsect1_2 |   1.205201   .7358128     0.31   0.760     .364229    3.987903
  _Icsect1_3 |   .9045666   .5942388    -0.15   0.879    .2496082     3.2781
  _Icsect1_4 |   1.189782   .6451356     0.32   0.749    .4110744    3.443614
  _Icsect1_5 |   2.146026    1.29839     1.26   0.207    .6556024    7.024727
  _Icsect1_6 |    1.96009   1.248671     1.06   0.291     .562367    6.831753
  _Icsect1_7 |   1.165841   .8629458     0.21   0.836    .2732669    4.973838
_Icomb_stat_2 |    1.29602   .5319199     0.63   0.528    .5797714    2.897121
      _cons |   .6285581   .3334462    -0.88   0.381    .2222226    1.777881
------------------------------------------------------------------------------

.
. xi: logistic con_I i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       7.78
                                                Prob > chi2     =     0.0507
Log likelihood = -92.250206                     Pseudo R2       =     0.0405

------------------------------------------------------------------------------
      con_I | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |   4.583333   3.275099     2.13   0.033     1.129642    18.59611
_Icc_adopt1_2 |   1.986111   .8407511     1.62   0.105     .8663172    4.553341
_Icc_adopt1_3 |   .6666667   .3978054    -0.68   0.497     .2070093    2.146978
      _cons |   .2727273   .0671408    -5.28   0.000     .1683361    .4418551
------------------------------------------------------------------------------

.
```

```
. xi: logistic con_l i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                 Number of obs   =        170
                                    LR chi2(14)     =      34.52
                                    Prob > chi2     =     0.0017
Log likelihood = -78.884471         Pseudo R2       =     0.1795

------------------------------------------------------------------------------
      con_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   5.176953   4.433297     1.92   0.055     .9663747    27.73339
_Icc_adopt1_2 |   2.764534   1.387169     2.03   0.043      1.03398    7.391489
_Icc_adopt1_3 |   .7428923   .4834794    -0.46   0.648     .2074713    2.660074
 _Iorg_size_2 |   .5493643   .3307675    -0.99   0.320     .1687949    1.787975
 _Iorg_size_3 |   .4888691   .3516034    -1.00   0.320     .1193969    2.001668
 _Iorg_size_4 |   .2499211   .1866162    -1.86   0.063     .0578376     1.07993
 _Iorg_size_5 |   1.750993   1.329691     0.74   0.461     .3952646    7.756766
  _Icsect1_2 |   .5714127   .4550978    -0.70   0.482     .1199544    2.721972
  _Icsect1_3 |   2.010341   1.467141     0.96   0.339      .480912    8.403769
  _Icsect1_4 |   .4958637    .351962    -0.99   0.323     .1233625    1.993157
  _Icsect1_5 |   .8745962   .6816493    -0.17   0.863     .1898418    4.029242
  _Icsect1_6 |   5.729853   4.030857     2.48   0.013     1.443236    22.74834
  _Icsect1_7 |   3.921168   3.036263     1.76   0.078     .8596223    17.88641
_Icomb_stat_2 |   2.087034   1.013977     1.51   0.130     .8053353    5.408569
      _cons |   .2131787   .1342319    -2.45   0.014     .0620539    .7323501
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_m i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.56
                                                Prob > chi2     =     0.6688
Log likelihood = -42.597534                     Pseudo R2       =     0.0180

------------------------------------------------------------------------------
      con_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |      2.325   2.687113     0.73   0.465     .2413508    22.39738
_Icc_adopt1_2 |   1.641176   1.242857     0.65   0.513     .3720004    7.240476
_Icc_adopt1_3 |   2.426087   1.859662     1.16   0.248     .5400538    10.89872
       _cons |   .0537634   .0246816    -6.37   0.000     .0218635    .1322072
------------------------------------------------------------------------------

.
. xi: logistic con_m i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)
note: _Iorg_size_4 != 0 predicts failure perfectly
      _Iorg_size_4 dropped and 33 obs not used

note: _Icsect1_6 != 0 predicts failure perfectly
      _Icsect1_6 dropped and 13 obs not used
```

Logistic regression Number of obs = 124

LR chi2(12) = 4.93

Prob > chi2 = 0.9604

Log likelihood = -36.961366 Pseudo R2 = 0.0625

---

con_m	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	4.374506	5.817769	1.11	0.267	.3227707	59.28761
_Icc_adopt1_2	1.691027	1.359145	0.65	0.513	.3499502	8.17137
_Icc_adopt1_3	3.297066	2.786856	1.41	0.158	.6289945	17.28258
_Iorg_size_2	2.821965	3.014936	0.97	0.332	.347651	22.90655
_Iorg_size_3	3.519894	3.963266	1.12	0.264	.3873551	31.98527
_Iorg_size_4	1	(omitted)				
_Iorg_size_5	2.991368	3.923575	0.84	0.403	.2287738	39.1141
_Icsect1_2	.730684	.7744521	-0.30	0.767	.0915253	5.833353
_Icsect1_3	.9666732	1.033469	-0.03	0.975	.1189217	7.857748
_Icsect1_4	.2996905	.3842949	-0.94	0.347	.0242757	3.699762
_Icsect1_5	.438105	.4891681	-0.74	0.460	.0491095	3.908329
_Icsect1_6	1	(omitted)				
_Icsect1_7	.7265289	.9869929	-0.24	0.814	.0506864	10.41392
_Icomb_stat_2	.5703267	.4720299	-0.68	0.497	.1126233	2.888146
_cons	.0487769	.0482238	-3.06	0.002	.0070253	.3386601

.

. xi: logistic con_n i.cc_adopt1 if year==2, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression Number of obs = 170

LR chi2(3) = 0.22

```
                                  Prob > chi2     =     0.9740
Log likelihood = -86.325607                    Pseudo R2       =     0.0013

------------------------------------------------------------------------------
      con_n | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    1.18797   .9996941     0.20   0.838     .2283005    6.181645
_Icc_adopt1_2 |   1.147005   .5437974     0.29   0.772     .4529072    2.904837
_Icc_adopt1_3 |   1.247368   .6623473     0.42   0.677     .4405654    3.531662
      _cons |   .2405063   .0614539    -5.58   0.000     .1457567    .3968482
------------------------------------------------------------------------------

.
. xi: logistic con_n i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                       Number of obs   =       170
                                  LR chi2(14)     =     15.54
                                  Prob > chi2     =     0.3425
Log likelihood = -78.668254                    Pseudo R2       =     0.0899

------------------------------------------------------------------------------
      con_n | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.386981   1.278319     0.35   0.723     .2278011    8.444718
_Icc_adopt1_2 |   .9929372   .4964959    -0.01   0.989      .372647    2.645732
_Icc_adopt1_3 |   1.567416   .9032033     0.78   0.435     .5066293    4.849291
 _Iorg_size_2 |   1.009896   .6513741     0.02   0.988     .2852722    3.575149
```

```
 _Iorg_size_3 |   1.396266   .9858795     0.47   0.636     .3499043    5.571691
 _Iorg_size_4 |   1.165456   .8308574     0.21   0.830     .2881854    4.713247
 _Iorg_size_5 |   4.904499   3.840387     2.03   0.042     1.057001    22.75695
  _Icsect1_2 |   1.876755    1.19797     0.99   0.324     .5371166    6.557623
  _Icsect1_3 |   .4951285   .3780108    -0.92   0.357     .1108816    2.210936
  _Icsect1_4 |   .9970773    .597931    -0.00   0.996      .307806    3.229836
  _Icsect1_5 |   .4013526   .3189966    -1.15   0.251     .0845255    1.905743
  _Icsect1_6 |   .3139152   .2745087    -1.32   0.185     .0565541    1.742451
  _Icsect1_7 |   .3174369   .3638347    -1.00   0.317     .0335769    3.001055
_Icomb_stat_2 |   .9985306   .4715271    -0.00   0.998     .3957365    2.519513
       _cons |   .2325246   .1441765    -2.35   0.019     .0689736    .7838899
------------------------------------------------------------------------------

.
. xi: logistic con_o i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       4.66
                                                Prob > chi2     =     0.1983
Log likelihood = -87.996873                     Pseudo R2       =     0.0258

------------------------------------------------------------------------------
      con_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .8342857   .6962942    -0.22   0.828     .1625185    4.282791
_Icc_adopt1_2 |   .9385714   .4202914    -0.14   0.887     .3902115    2.257536
_Icc_adopt1_3 |   .2433333   .1877558    -1.83   0.067     .0536309    1.104048
       _cons |   .3424658   .0793595    -4.62   0.000     .2174546    .5393439
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_o i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                         Number of obs   =        170
                                            LR chi2(14)     =      13.34
                                            Prob > chi2     =     0.5002
Log likelihood = -83.659363                 Pseudo R2       =     0.0738

------------------------------------------------------------------------------
      con_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.320934   1.216071    0.30   0.762    .2173965    8.026191
_Icc_adopt1_2 |    .959159   .4512721   -0.09   0.929    .3814268     2.41196
_Icc_adopt1_3 |   .3104574   .2453118   -1.48   0.139    .0659803    1.460796
 _Iorg_size_2 |   1.674085   1.056772    0.82   0.414    .4857956    5.769012
 _Iorg_size_3 |   1.275687   .9184264    0.34   0.735    .3111178    5.230746
 _Iorg_size_4 |   .8978578   .6862931   -0.14   0.888    .2007137    4.016411
 _Iorg_size_5 |   3.350205   2.670585    1.52   0.129    .7023343    15.98081
  _Icsect1_2 |   1.100719    .726357    0.15   0.884    .3019771    4.012164
  _Icsect1_3 |   .5225693   .4133207   -0.82   0.412    .1108906    2.462594
  _Icsect1_4 |   .4363287   .2951107   -1.23   0.220    .1159055    1.642569
  _Icsect1_5 |   .9661725    .667184   -0.05   0.960    .2496107    3.739782
  _Icsect1_6 |   .7199182   .5113966   -0.46   0.644    .1789076    2.896926
  _Icsect1_7 |   1.266307   .9578257    0.31   0.755    .2875384     5.57676
_Icomb_stat_2 |   1.543812   .7288227    0.92   0.358    .6119955    3.894401
      _cons |   .2301274   .1523153   -2.22   0.026    .0628898    .8420861
------------------------------------------------------------------------------
```

```
.
. xi: logistic con_p i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                       Number of obs   =       170
                                          LR chi2(3)      =      1.14
                                          Prob > chi2     =    0.7675
Log likelihood =  -110.9633               Pseudo R2       =    0.0051

------------------------------------------------------------------------------
      con_p | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .7564103   .5571772    -0.38   0.705     .1785485    3.204488
_Icc_adopt1_2 |   .7261538   .2957894    -0.79   0.432     .3268155    1.613447
_Icc_adopt1_3 |   .6723647   .3176137    -0.84   0.401     .2663862    1.697063
      _cons |   .6610169   .1364166    -2.01   0.045     .4411099    .9905545
------------------------------------------------------------------------------

.
. xi: logistic con_p i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                       Number of obs   =       170
                                          LR chi2(14)     =     11.33
                                          Prob > chi2     =    0.6596
Log likelihood = -105.86597               Pseudo R2       =    0.0508
```

```
------------------------------------------------------------------------------
      con_p | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .6140361   .4909237    -0.61   0.542     .1281314    2.942606
_Icc_adopt1_2 |   .6705466   .2861805    -0.94   0.349     .2905008    1.547785
_Icc_adopt1_3 |   .6939072   .3507041    -0.72   0.470     .2576914    1.868542
 _Iorg_size_2 |   1.011932   .5023306     0.02   0.981     .3824795    2.677282
 _Iorg_size_3 |   1.080271   .6105569     0.14   0.891     .3568151     3.27056
 _Iorg_size_4 |   .5559853   .3274596    -1.00   0.319     .1752789    1.763587
 _Iorg_size_5 |   .8462468   .5827297    -0.24   0.808     .2194601    3.263162
  _Icsect1_2 |   .3778446   .2330769    -1.58   0.115     .1127825    1.265857
  _Icsect1_3 |   .3775612   .2341811    -1.57   0.116     .1119522    1.273334
  _Icsect1_4 |   .4940743   .2584397    -1.35   0.178      .177234    1.377329
  _Icsect1_5 |   .4603922    .268835    -1.33   0.184     .1465849    1.445995
  _Icsect1_6 |   .3487928   .2238179    -1.64   0.101     .0991648    1.226811
  _Icsect1_7 |   .2487456   .1939529    -1.78   0.074     .0539577    1.146721
_Icomb_stat_2 |   .6268513   .2546422    -1.15   0.250     .2827391    1.389771
      _cons |   1.826315   .9485898     1.16   0.246     .6598736    5.054644
------------------------------------------------------------------------------

.
. xi: logistic con_q i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       2.78
                                                Prob > chi2     =     0.4269
Log likelihood = -116.39836                     Pseudo R2       =     0.0118

------------------------------------------------------------------------------
      con_q | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
```

```
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   2.454545   1.805795     1.22   0.222     .5804264    10.37994
_Icc_adopt1_2 |   1.610795   .6266902     1.23   0.220     .7514067    3.453073
_Icc_adopt1_3 |   1.051948   .4657264     0.11   0.909     .4417168    2.505213
      _cons |   .8148148   .1654812    -1.01   0.313     .5472527    1.213193
------------------------------------------------------------------------------

.
. xi: logistic con_q i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      23.71
                                                Prob > chi2     =     0.0496
Log likelihood = -105.93083                     Pseudo R2       =     0.1007

------------------------------------------------------------------------------
      con_q | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.929717   1.632541     0.78   0.437     .3676012    10.13002
_Icc_adopt1_2 |   1.596279   .6835978     1.09   0.275     .6895829    3.695143
_Icc_adopt1_3 |    1.00186   .4852451     0.00   0.997     .3877328    2.588699
 _Iorg_size_2 |   .3173013   .1615924    -2.25   0.024     .1169444    .8609231
 _Iorg_size_3 |   .2410804   .1414733    -2.42   0.015     .0763223     .761505
 _Iorg_size_4 |   .2687044   .1554521    -2.27   0.023     .0864637    .8350565
 _Iorg_size_5 |   1.321266   .9898707     0.37   0.710     .3042875    5.737153
  _Icsect1_2 |   .8489871   .5113069    -0.27   0.786     .2607718    2.764023
  _Icsect1_3 |   1.681752   1.066026     0.82   0.412     .4855165    5.825325
```

```
  _Icsect1_4 |   .5162075   .2808045    -1.22   0.224    .1777424    1.499193
  _Icsect1_5 |   1.100811   .6536251     0.16   0.871    .3437936    3.524747
  _Icsect1_6 |   1.315929   .8174449     0.44   0.659     .389469    4.446233
  _Icsect1_7 |    1.26724   .8812518     0.34   0.733    .3242831    4.952144
_Icomb_stat_2 |   .9059225   .3605991    -0.25   0.804    .4152154    1.976554
      _cons |   2.069244   1.105895     1.36   0.174    .7259256    5.898362
------------------------------------------------------------------------------

.
. xi: logistic con_r i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       6.19
                                                Prob > chi2     =     0.1027
Log likelihood = -89.655959                     Pseudo R2       =     0.0334

------------------------------------------------------------------------------
      con_r | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   5.555556   3.998671     2.38   0.017     1.355395    22.77136
_Icc_adopt1_2 |   1.646091   .7454675     1.10   0.271     .6775928    3.998882
_Icc_adopt1_3 |   1.637427   .8405987     0.96   0.337     .5986656    4.478572
      _cons |      .225   .0586968    -5.72   0.000     .1349353    .3751797
------------------------------------------------------------------------------

.
. xi: logistic con_r i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
```

```
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        170
                                                  LR chi2(14)     =      30.51
                                                  Prob > chi2     =     0.0065
Log likelihood = -77.495222                       Pseudo R2       =     0.1645

------------------------------------------------------------------------------
      con_r | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   6.281314   5.539461     2.08   0.037     1.11527     35.377
_Icc_adopt1_2 |   1.684335   .8471946     1.04   0.300     .628474    4.514085
_Icc_adopt1_3 |   1.804604   1.025184     1.04   0.299    .5926794    5.494702
 _Iorg_size_2 |   1.203447   .7398849     0.30   0.763    .3606652    4.015593
 _Iorg_size_3 |   .4845032   .3913581    -0.90   0.370    .0994804    2.359695
 _Iorg_size_4 |   .9937377    .684364    -0.01   0.993    .2576731    3.832432
 _Iorg_size_5 |   4.183928   3.217013     1.86   0.063     .927037    18.88301
  _Icsect1_2 |   1.352292   1.064744     0.38   0.701     .288979    6.328117
  _Icsect1_3 |   1.769988   1.360973     0.74   0.458    .3921638    7.988648
  _Icsect1_4 |   7.195793   4.650825     3.05   0.002    2.027334    25.54065
  _Icsect1_5 |   .7861765   .6716135    -0.28   0.778    .1473523    4.194528
  _Icsect1_6 |   .9510858   .8059396    -0.06   0.953    .1806845    5.006318
  _Icsect1_7 |   1.361216   1.320022     0.32   0.750    .2034628    9.106863
_Icomb_stat_2 |   .6442937   .3087755    -0.92   0.359    .2518538    1.648235
       _cons |   .1252234   .0845215    -3.08   0.002    .0333544    .4701292
------------------------------------------------------------------------------

.
. xi: logistic con_s i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       0.26
                                                Prob > chi2     =     0.9678
Log likelihood =  -116.9523                     Pseudo R2       =     0.0011

------------------------------------------------------------------------------
      con_s | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.023256   .7173291     0.03   0.974     .2589821    4.042953
_Icc_adopt1_2 |    1.21175   .4687215     0.50   0.620     .5677496    2.586244
_Icc_adopt1_3 |   1.096346   .4856199     0.21   0.835      .460164    2.612054
      _cons |   .7818182   .1591488    -1.21   0.227     .5246059    1.165141
------------------------------------------------------------------------------

.
. xi: logistic con_s i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      17.19
                                                Prob > chi2     =     0.2461
Log likelihood = -108.48485                     Pseudo R2       =     0.0734

------------------------------------------------------------------------------
      con_s | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.366246   1.053477     0.40   0.686     .3014318    6.192538
_Icc_adopt1_2 |   1.197444   .5037285     0.43   0.668     .5250251    2.731052
```

```
_Icc_adopt1_3 |   1.212484   .5764078     0.41   0.685     .4775509    3.078451
 _Iorg_size_2 |   1.312372   .6603179     0.54   0.589     .4895269    3.518339
 _Iorg_size_3 |   2.172967   1.236714     1.36   0.173     .7122031    6.629833
 _Iorg_size_4 |   1.629778   .9195558     0.87   0.387     .5393395    4.924869
 _Iorg_size_5 |   8.806871   6.565593     2.92   0.004     2.042886    37.96638
  _Icsect1_2 |   1.135489   .7008679     0.21   0.837     .3386792    3.806953
  _Icsect1_3 |    1.31496   .8296574     0.43   0.664     .3818188    4.528636
  _Icsect1_4 |   2.635208   1.393944     1.83   0.067     .9344492    7.431461
  _Icsect1_5 |    1.94173   1.157025     1.11   0.265     .6039217    6.243053
  _Icsect1_6 |   2.823718   1.739025     1.69   0.092     .8444954    9.441595
  _Icsect1_7 |   1.642513   1.162728     0.70   0.483     .4101541    6.577648
_Icomb_stat_2 |   .9342151   .3677096    -0.17   0.863     .4319282    2.020608
       _cons |   .2791876   .1517978    -2.35   0.019     .0961805    .8104107
------------------------------------------------------------------------------

.
. xi: logistic con_t i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.44
                                                Prob > chi2     =     0.6966
Log likelihood = -97.527667                     Pseudo R2       =     0.0073

------------------------------------------------------------------------------
      con_t | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    .931677   .7793125    -0.08   0.933     .1808288    4.800242
_Icc_adopt1_2 |   1.565217   .6643328     1.06   0.291     .6812321    3.596286
_Icc_adopt1_3 |   1.449275   .7060919     0.76   0.446     .5577539    3.765817
       _cons |   .3066667   .0730946    -4.96   0.000     .1922123    .4892739
```

```
------------------------------------------------------------------------------

.
. xi: logistic con_t i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                               Number of obs   =        170
                                                  LR chi2(14)     =      23.15
                                                  Prob > chi2     =     0.0578
Log likelihood = -86.669783                       Pseudo R2       =     0.1178

------------------------------------------------------------------------------
      con_t | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   1.568449   1.467707     0.48   0.631     .2505774     9.81746
_Icc_adopt1_2 |   1.340397   .6238383     0.63   0.529     .5383601    3.337289
_Icc_adopt1_3 |   1.548534   .8303123     0.82   0.415     .5413933    4.429234
 _Iorg_size_2 |   1.990655   1.249843     1.10   0.273     .5815202    6.814395
 _Iorg_size_3 |   1.431968   1.036741     0.50   0.620     .3464701    5.918351
 _Iorg_size_4 |   3.180041   2.192075     1.68   0.093     .8235311    12.27963
 _Iorg_size_5 |   10.44604   8.198566     2.99   0.003     2.243296    48.64258
  _Icsect1_2 |   1.551544    1.16258     0.59   0.558     .3572357     6.73866
  _Icsect1_3 |   1.424126   1.094974     0.46   0.646     .3155595    6.427108
  _Icsect1_4 |    3.17602   2.066838     1.78   0.076     .8870588    11.3714
  _Icsect1_5 |   3.894453    2.77113     1.91   0.056     .9655326    15.70818
  _Icsect1_6 |   1.786305   1.341216     0.77   0.440     .4100586    7.781539
  _Icsect1_7 |   .5288185   .6244894    -0.54   0.590     .0522529    5.351838
_Icomb_stat_2 |   .6318919   .2998014    -0.97   0.333     .2493388    1.601385
```

```
      _cons |   .0850237   .0605205    -3.46   0.001     .0210692    .3431088
------------------------------------------------------------------------------

.
. xi: logistic con_u i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(3)      =       1.20
                                                Prob > chi2     =     0.7530
Log likelihood = -115.53532                     Pseudo R2       =     0.0052

------------------------------------------------------------------------------
      con_u | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   .9422222   .6602888    -0.08   0.932     .2385887    3.720976
_Icc_adopt1_2 |   .8030303   .3143239    -0.56   0.575      .372866    1.729462
_Icc_adopt1_3 |   .6235294   .2864334    -1.03   0.304     .2534176    1.534183
      _cons |   .8490566   .1721098    -0.81   0.420     .5706793    1.263226
------------------------------------------------------------------------------

.
. xi: logistic con_u i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      15.33
                                                Prob > chi2     =     0.3561
```

Log likelihood = -108.47152 Pseudo R2 = 0.0660

---

con_u | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

---+---

_Icc_adopt1_1 | .8475395 .6723748 -0.21 0.835 .1790111 4.01273

_Icc_adopt1_2 | .7959513 .3346069 -0.54 0.587 .3491831 1.814345

_Icc_adopt1_3 | .6372675 .3097376 -0.93 0.354 .2458123 1.652114

_Iorg_size_2 | .7370319 .365594 -0.62 0.538 .278779 1.948554

_Iorg_size_3 | .453409 .2617655 -1.37 0.171 .1462407 1.405763

_Iorg_size_4 | .4204238 .2429522 -1.50 0.134 .1354565 1.304893

_Iorg_size_5 | 1.033665 .6987481 0.05 0.961 .2747738 3.888519

_Icsect1_2 | .559139 .3440813 -0.94 0.345 .1673824 1.867797

_Icsect1_3 | 1.181719 .7140926 0.28 0.782 .3615329 3.862609

_Icsect1_4 | .4441954 .2420612 -1.49 0.136 .1526573 1.2925

_Icsect1_5 | 1.785976 1.041683 0.99 0.320 .5693851 5.602025

_Icsect1_6 | 2.314219 1.415257 1.37 0.170 .6979972 7.672825

_Icsect1_7 | .7601647 .5280313 -0.39 0.693 .1948227 2.966031

_Icomb_stat_2 | 1.588266 .6419357 1.14 0.252 .7192666 3.507169

_cons | 1.047619 .535983 0.09 0.928 .3843361 2.855586

.

. xi: logistic con_v i.cc_adopt1 if year==2, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

Logistic regression Number of obs = 170

LR chi2(3) = 3.49

Prob > chi2 = 0.3220

Log likelihood = -108.00805 Pseudo R2 = 0.0159

```
------------------------------------------------------------------------------
      con_v | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |   2.974138   2.100877     1.54   0.123     .7448823    11.87503
_Icc_adopt1_2 |   1.622257    .651123     1.21   0.228     .7387103    3.562585
_Icc_adopt1_3 |   1.487069   .6838505     0.86   0.388     .6038007    3.662424
      _cons |   .4202899   .0930119    -3.92   0.000     .2723796    .6485199
------------------------------------------------------------------------------

.
. xi: logistic con_v i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

Logistic regression                             Number of obs   =        170
                                                LR chi2(14)     =      15.80
                                                Prob > chi2     =     0.3256
Log likelihood = -101.85178                     Pseudo R2       =     0.0720

------------------------------------------------------------------------------
      con_v | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |    2.36732   1.855781     1.10   0.272     .5093144    11.00342
_Icc_adopt1_2 |   1.540767   .6602851     1.01   0.313     .6652124    3.568729
_Icc_adopt1_3 |   1.710145    .834972     1.10   0.272     .6568059    4.452756
 _Iorg_size_2 |   .4384958   .2225904    -1.62   0.104     .1621348    1.185918
 _Iorg_size_3 |   .6767036   .3845211    -0.69   0.492     .2221892    2.060981
 _Iorg_size_4 |   .2383587   .1474207    -2.32   0.020     .0709215    .8010953
 _Iorg_size_5 |   .9728479   .6563638    -0.04   0.967      .259271    3.650363
```

```
  _Icsect1_2 |   .9027916   .5579352    -0.17   0.869    .2688658    3.031374
  _Icsect1_3 |   1.158403   .7328396     0.23   0.816    .3352466    4.002715
  _Icsect1_4 |   .5681507   .3181576    -1.01   0.313    .1895837    1.702653
  _Icsect1_5 |   1.150521   .7038238     0.23   0.819    .3468784    3.816029
  _Icsect1_6 |   1.303146   .8097063     0.43   0.670    .3855681    4.404381
  _Icsect1_7 |   .7170058   .5637483    -0.42   0.672    .1535545     3.34798
_Icomb_stat_2 |   2.022592   .8527108     1.67   0.095    .8852124    4.621351
      _cons |   .5966944   .3093722    -1.00   0.319    .2159851    1.648467
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_a i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -326.90841
Iteration 1:   log likelihood = -322.16228
Iteration 2:   log likelihood = -322.14953
Iteration 3:   log likelihood = -322.14953

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       9.52
                                                Prob > chi2     =     0.0020
Log likelihood = -322.14953                     Pseudo R2       =     0.0146

------------------------------------------------------------------------------
   iex_bnf_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
```

```
_Icc_adopt1_3 |   2.256979    .599062     3.07   0.002     1.341517     3.79716
--------------+----------------------------------------------------------------
      /cut1 |  -3.516643   .4162285                -4.332436    -2.70085
      /cut2 |  -1.747455   .1996887                -2.138838   -1.356072
      /cut3 |   .3316729   .1511933                 .0353396    .6280063
      /cut4 |   1.924084   .2010975                  1.52994    2.318227
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -326.90841
Iteration 1:   log likelihood = -316.40097
Iteration 2:   log likelihood = -316.32804
Iteration 3:   log likelihood = -316.32801
Iteration 4:   log likelihood = -316.32801

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      21.16
                                                Prob > chi2     =     0.0481
Log likelihood = -316.32801                     Pseudo R2       =     0.0324

------------------------------------------------------------------------------
   iex_bnf_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
```

```
_Icc_adopt1_1 |        1  (omitted)
_Icc_adopt1_2 |        1  (omitted)
_Icc_adopt1_3 |   2.137345   .5891606     2.76   0.006     1.245204    3.668673
 _Iorg_size_2 |   1.053127   .3828012     0.14   0.887     .5165085    2.147257
 _Iorg_size_3 |    2.48753   1.181397     1.92   0.055     .9806391    6.309973
 _Iorg_size_4 |   1.453003   .5758314     0.94   0.346     .6682391    3.159377
 _Iorg_size_5 |   1.936581   1.040715     1.23   0.219     .6754631    5.552257
  _Icsect1_2 |   .7879977   .3519602    -0.53   0.594     .3283483    1.891103
  _Icsect1_3 |   .5338997    .238599    -1.40   0.160     .2223612    1.281918
  _Icsect1_4 |   .6918367   .3089295    -0.83   0.409     .2883448    1.659951
  _Icsect1_5 |   .3250675   .1618787    -2.26   0.024     .1224865    .8626986
  _Icsect1_6 |   .8057644   .4428262    -0.39   0.694     .2744169    2.365949
  _Icsect1_7 |   .5378625     .26637    -1.25   0.210     .2037623    1.419772
_Icomb_stat_2 |   .5675639   .1572178    -2.04   0.041     .3297829    .9767906
--------------+----------------------------------------------------------------
       /cut1 |  -4.065575   .6334647                      -5.307143   -2.824007
       /cut2 |  -2.275635   .5146829                      -3.284395   -1.266875
       /cut3 |  -.1246606   .4923315                      -1.089613    .8402914
       /cut4 |    1.51732   .5031414                       .5311806    2.503459
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_b i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -316.98268
Iteration 1:   log likelihood = -315.34896
Iteration 2:   log likelihood = -315.34692
Iteration 3:   log likelihood = -315.34692
```

```
Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       3.27
                                                Prob > chi2     =     0.0705
Log likelihood = -315.34692                     Pseudo R2       =     0.0052

------------------------------------------------------------------------------
   iex_bnf_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.625073   .4379993     1.80   0.072     .9581904    2.756092
-------------+----------------------------------------------------------------
      /cut1 |  -3.982187   .5071477                -4.976178   -2.988196
      /cut2 |  -1.886047   .2061338                -2.290062   -1.482033
      /cut3 |  -.2406539   .1483181                 -.531352    .0500441
      /cut4 |   1.861894   .1994501                 1.470979    2.252809
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -316.98268
Iteration 1:   log likelihood = -305.65189
Iteration 2:   log likelihood = -305.54279
```

Iteration 3: log likelihood = -305.54269

Iteration 4: log likelihood = -305.54269

Ordered logistic regression Number of obs = 242

LR chi2(12) = 22.88

Prob > chi2 = 0.0288

Log likelihood = -305.54269 Pseudo R2 = 0.0361

iex_bnf_b	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.644265	.4561059	1.79	0.073	.9546743	2.831967
_Iorg_size_2	.7432017	.2773538	-0.80	0.426	.3576421	1.544417
_Iorg_size_3	2.225168	1.084501	1.64	0.101	.856061	5.783903
_Iorg_size_4	1.845267	.7617458	1.48	0.138	.8216265	4.144234
_Iorg_size_5	.575997	.3122921	-1.02	0.309	.19903	1.666947
_Icsect1_2	.5816907	.2586553	-1.22	0.223	.2433301	1.390556
_Icsect1_3	.3743363	.1669202	-2.20	0.028	.1562079	.8970589
_Icsect1_4	.6154306	.269932	-1.11	0.268	.2605172	1.453857
_Icsect1_5	.4271005	.2085149	-1.74	0.081	.1640456	1.111977
_Icsect1_6	.7224722	.3733223	-0.63	0.529	.2624101	1.989123
_Icsect1_7	.4217255	.2097872	-1.74	0.083	.1590743	1.118046
_Icomb_stat_2	.6362866	.1814333	-1.59	0.113	.3638629	1.112674
/cut1	-4.856757	.6980512			-6.224912	-3.488602
/cut2	-2.724481	.5181043			-3.739947	-1.709016
/cut3	-.9972305	.4904987			-1.95859	-.0358706
/cut4	1.231473	.4932973			.2646284	2.198318

```
.
. xi: ologit iex_bnf_c i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -321.81073
Iteration 1:   log likelihood = -321.77676
Iteration 2:   log likelihood = -321.77676

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.07
                                                Prob > chi2     =     0.7943
Log likelihood = -321.77676                     Pseudo R2       =     0.0001

------------------------------------------------------------------------------
   iex_bnf_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.071527   .2839571     0.26   0.794     .6374303    1.801248
-------------+----------------------------------------------------------------
      /cut1 |  -3.358615   .3654875                -4.074958   -2.642273
      /cut2 |  -2.016696   .2112196                -2.430679   -1.602713
      /cut3 |   .0189101   .1476477                 -.270474    .3082943
      /cut4 |   1.830926   .2001334                 1.438672    2.223181
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
```

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -321.81073
Iteration 1:   log likelihood =  -312.6558
Iteration 2:   log likelihood =  -312.5888
Iteration 3:   log likelihood = -312.58876
Iteration 4:   log likelihood = -312.58876

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      18.44
                                                Prob > chi2     =     0.1029
Log likelihood = -312.58876                     Pseudo R2       =     0.0287

------------------------------------------------------------------------------
   iex_bnf_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.036472   .2844084     0.13   0.896     .6053234    1.774711
 _Iorg_size_2 |   .9292637   .3554788    -0.19   0.848      .439058    1.966781
 _Iorg_size_3 |   2.013719   .9812349     1.44   0.151     .7748717    5.233209
 _Iorg_size_4 |    1.19987   .5027089     0.43   0.664     .5278453    2.727481
 _Iorg_size_5 |   .4621112    .237417    -1.50   0.133     .1688216    1.264925
  _Icsect1_2 |   .4521115   .1997723    -1.80   0.072     .1901644    1.074885
  _Icsect1_3 |   .4361711   .1905969    -1.90   0.058     .1852256      1.0271
  _Icsect1_4 |    .586881   .2635619    -1.19   0.235     .2433799    1.415192
```

```
  _Icsect1_5 |   .3429812   .1687074    -2.18   0.030    .1307907    .8994224
  _Icsect1_6 |   1.096281   .5756173     0.18   0.861      .39173    3.068011
  _Icsect1_7 |   .3007362   .1483495    -2.44   0.015    .1143664    .7908116
_Icomb_stat_2 |   .6755407   .1916956    -1.38   0.167    .3873551    1.178131
--------------+----------------------------------------------------------------
       /cut1 |  -4.308006   .6170554                -5.517413    -3.0986
       /cut2 |  -2.937933   .5387379                 -3.99384   -1.882027
       /cut3 |  -.8058951   .5043586                 -1.79442    .1826295
       /cut4 |   1.092517   .5081499                 .0965612    2.088472
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_d i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -321.38435
Iteration 1:   log likelihood = -321.38253
Iteration 2:   log likelihood = -321.38253

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.00
                                                Prob > chi2     =     0.9518
Log likelihood = -321.38253                     Pseudo R2       =     0.0000

------------------------------------------------------------------------------
   iex_bnf_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
```

```
_Icc_adopt1_3 |   1.016203   .2702724     0.06   0.952     .6033824    1.711468
--------------+----------------------------------------------------------------
      /cut1 |   -3.66801   .4188101                -4.488863   -2.847158
      /cut2 |  -1.773251   .1950195                -2.155482    -1.39102
      /cut3 |  -.3975784   .1503517                -.6922624   -.1028944
      /cut4 |   1.815686   .1995113                 1.424651    2.206721
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -321.38435
Iteration 1:   log likelihood = -314.54595
Iteration 2:   log likelihood = -314.50244
Iteration 3:   log likelihood = -314.50244

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      13.76
                                                Prob > chi2     =     0.3160
Log likelihood = -314.50244                     Pseudo R2       =     0.0214

------------------------------------------------------------------------------
   iex_bnf_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
```

```
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   .9947743   .2742824    -0.02   0.985     .5794667    1.707736
 _Iorg_size_2 |   .8288687   .3084825    -0.50   0.614     .3996608    1.719016
 _Iorg_size_3 |   1.156791   .5460072     0.31   0.758     .4586551    2.917584
 _Iorg_size_4 |    1.32685   .5417641     0.69   0.489     .5960313    2.953756
 _Iorg_size_5 |   1.421656   .7135261     0.70   0.483     .5315917    3.801988
  _Icsect1_2 |   1.188719   .5427113     0.38   0.705     .4858048    2.908683
  _Icsect1_3 |   1.348277   .5871339     0.69   0.493     .5742572    3.165568
  _Icsect1_4 |   .6926915   .3097273    -0.82   0.412     .2883613    1.663959
  _Icsect1_5 |   1.083605   .5332423     0.16   0.870     .4130425    2.842808
  _Icsect1_6 |   1.300879   .6773357     0.51   0.613     .4688537    3.609413
  _Icsect1_7 |   .5093074   .2489517    -1.38   0.167      .195393    1.327551
_Icomb_stat_2 |   1.511036   .4154822     1.50   0.133     .8815035    2.590154
--------------+----------------------------------------------------------------
       /cut1 |  -3.527473   .6296038                      -4.761474   -2.293472
       /cut2 |  -1.604683   .5086197                      -2.601559   -.6078067
       /cut3 |  -.1706861    .493268                     -1.137474    .7961013
       /cut4 |   2.119313    .515599                      1.108758    3.129869
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_e i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -330.40949
Iteration 1:   log likelihood = -330.27955
Iteration 2:   log likelihood = -330.27954

Ordered logistic regression                     Number of obs   =        242
```

```
                                  LR chi2(1)     =      0.26
                                  Prob > chi2    =     0.6102
Log likelihood = -330.27954                     Pseudo R2      =     0.0004

------------------------------------------------------------------------------
   iex_bnf_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |         1  (omitted)
_Icc_adopt1_2 |         1  (omitted)
_Icc_adopt1_3 |   1.142885   .2994953     0.51   0.610     .6838228    1.910124
-------------+----------------------------------------------------------------
      /cut1 |  -3.825914   .4562946                -4.720236   -2.931593
      /cut2 |  -1.555593   .1837083                -1.915655   -1.195532
      /cut3 |   .0537613   .1479022                -.2361218    .3436443
      /cut4 |   1.919421    .204359                1.518885    2.319958
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -330.40949
Iteration 1:   log likelihood = -323.23538
Iteration 2:   log likelihood = -323.19835
Iteration 3:   log likelihood = -323.19834
```

Ordered logistic regression Number of obs = 242

LR chi2(12) = 14.42

Prob > chi2 = 0.2746

Log likelihood = -323.19834 Pseudo R2 = 0.0218

---

iex_bnf_e	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf. Interval]	
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.242825	.3393615	0.80	0.426	.7277526	2.122443
_Iorg_size_2	.9483683	.3482152	-0.14	0.885	.461784	1.947669
_Iorg_size_3	1.688041	.7781599	1.14	0.256	.6839002	4.166518
_Iorg_size_4	1.235316	.4976497	0.52	0.600	.5608798	2.720736
_Iorg_size_5	.9690241	.4974165	-0.06	0.951	.3543222	2.650152
_Icsect1_2	1.841588	.8254368	1.36	0.173	.7650096	4.433208
_Icsect1_3	1.030565	.4412661	0.07	0.944	.4452555	2.385294
_Icsect1_4	1.046163	.4528523	0.10	0.917	.4478573	2.443761
_Icsect1_5	.9182816	.4410002	-0.18	0.859	.3582536	2.353755
_Icsect1_6	2.577454	1.354952	1.80	0.072	.9198549	7.222083
_Icsect1_7	.5343354	.2614502	-1.28	0.200	.2047958	1.394141
_Icomb_stat_2	1.146255	.3175784	0.49	0.622	.6659626	1.972936
/cut1	-3.625646	.6449592			-4.889743	-2.36155
/cut2	-1.321881	.4885156			-2.279354	-.3644081
/cut3	.3520791	.479965			-.5886351	1.292793
/cut4	2.286723	.5064509			1.294098	3.279349

.

. xi: ologit iex_bnf_f i.cc_adopt1 if year==1, or

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -328.5426
Iteration 1:   log likelihood = -327.70058
Iteration 2:   log likelihood = -327.70011
Iteration 3:   log likelihood = -327.70011

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       1.68
                                                Prob > chi2     =     0.1943
Log likelihood = -327.70011                     Pseudo R2       =     0.0026

------------------------------------------------------------------------------
   iex_bnf_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.415916   .3794353     1.30   0.194     .8374013    2.394095
-------------+----------------------------------------------------------------
      /cut1 |  -1.873117   .2044933                -2.273917   -1.472318
      /cut2 |   .2748516   .1480262                -.0152745    .5649776
      /cut3 |   1.910474    .201584                 1.515376    2.305571
      /cut4 |    2.89086   .2871876                 2.327983    3.453738
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

```
i.csect1          _Icsect1_1-7       (naturally coded; _Icsect1_1 omitted)
i.comb_stat       _Icomb_stat_1-2    (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -328.5426
Iteration 1:   log likelihood =  -317.7657
Iteration 2:   log likelihood = -317.62363
Iteration 3:   log likelihood = -317.62355
Iteration 4:   log likelihood = -317.62355

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      21.84
                                                Prob > chi2     =     0.0394
Log likelihood = -317.62355                     Pseudo R2       =     0.0332

------------------------------------------------------------------------------
   iex_bnf_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.531666    .424997     1.54   0.124     .8891559    2.638457
 _Iorg_size_2 |   1.009781   .3908688     0.03   0.980     .4728697    2.156317
 _Iorg_size_3 |   .7025184   .3432029    -0.72   0.470     .2696611    1.830194
 _Iorg_size_4 |    1.08205   .4573805     0.19   0.852     .4725482      2.4777
 _Iorg_size_5 |   .5601797   .2951475    -1.10   0.271     .1994556    1.573289
  _Icsect1_2 |   1.211827   .5477556     0.43   0.671     .4996786    2.938939
  _Icsect1_3 |   .6571248   .2874876    -0.96   0.337     .2787745    1.548969
  _Icsect1_4 |   .8202875   .3836371    -0.42   0.672     .3279978    2.051451
  _Icsect1_5 |   .4115616   .2043462    -1.79   0.074     .1555253    1.089102
  _Icsect1_6 |   2.904244   1.482076     2.09   0.037     1.068201     7.89611
```

```
  _Icsect1_7 |   .5945104   .2903124    -1.06   0.287     .2282964    1.548174
_Icomb_stat_2 |   .8493443   .2367248    -0.59   0.558     .4918598    1.466649
--------------+----------------------------------------------------------------
      /cut1 |  -2.286925   .5317307                -3.329098   -1.244752
      /cut2 |  -.0309581    .504687                -1.020127    .9582103
      /cut3 |    1.72092   .5187172                 .7042534    2.737587
      /cut4 |   2.728793   .5583523                 1.634442    3.823143
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_g i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -330.70966
Iteration 1:   log likelihood = -330.32486
Iteration 2:   log likelihood = -330.32476
Iteration 3:   log likelihood = -330.32476

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.77
                                                Prob > chi2     =     0.3803
Log likelihood = -330.32476                     Pseudo R2       =     0.0012

------------------------------------------------------------------------------
    iex_bnf_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |    .791494   .2110877    -0.88   0.381     .4692845    1.334932
```

```
-------------+----------------------------------------------------------------
      /cut1 |  -3.442297   .3680081                -4.16358   -2.721014
      /cut2 |  -1.625089   .1857736               -1.989199    -1.26098
      /cut3 |   .1716448   .1467758               -.1160305    .4593202
      /cut4 |   2.016909   .2140996                1.597282    2.436537
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -330.70966
Iteration 1:   log likelihood = -324.68854
Iteration 2:   log likelihood = -324.66301
Iteration 3:   log likelihood =   -324.663

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      12.09
                                                Prob > chi2     =     0.4382
Log likelihood =   -324.663                     Pseudo R2       =     0.0183

------------------------------------------------------------------------------
   iex_bnf_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
```

```
_Icc_adopt1_3 |   .8045318   .2210425    -0.79   0.429    .4695463    1.378504
 _Iorg_size_2 |   .8457078   .3098772    -0.46   0.647    .4124109    1.734245
 _Iorg_size_3 |   .7538918   .3588749    -0.59   0.553    .2965595    1.916489
 _Iorg_size_4 |   .7141824   .2897891    -0.83   0.407    .3224206     1.58196
 _Iorg_size_5 |   .3585568   .1784288    -2.06   0.039    .1351992     .950915
  _Icsect1_2 |   .9553678   .4185991    -0.10   0.917    .4047739    2.254907
  _Icsect1_3 |   .8103958    .34778    -0.49   0.624    .3494664    1.879269
  _Icsect1_4 |   .8809078   .4010309    -0.28   0.781    .3609302    2.149996
  _Icsect1_5 |    .576972   .2833593    -1.12   0.263    .2203522    1.510748
  _Icsect1_6 |    1.69483    .877182     1.02   0.308    .6145755    4.673873
  _Icsect1_7 |   .5123111   .2466062    -1.39   0.165     .199434    1.316038
_Icomb_stat_2 |   1.049771   .2836586     0.18   0.857    .6181461     1.78278
--------------+----------------------------------------------------------------
      /cut1 |  -3.942184   .6011477                -5.120412   -2.763956
      /cut2 |  -2.106729   .5061958                -3.098855   -1.114603
      /cut3 |  -.2554816   .4828886                -1.201926    .6909627
      /cut4 |   1.642998   .5052176                 .6527894    2.633206
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_h i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -347.7813
Iteration 1:   log likelihood = -347.63471
Iteration 2:   log likelihood =  -347.6347

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.29
```

```
                                  Prob > chi2     =     0.5882
Log likelihood =  -347.6347                     Pseudo R2       =     0.0004

------------------------------------------------------------------------------
   iex_bnf_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |         1  (omitted)
_Icc_adopt1_2 |         1  (omitted)
_Icc_adopt1_3 |   1.155495   .3084841     0.54   0.588     .6847337     1.94991
-------------+----------------------------------------------------------------
      /cut1 |  -2.125676   .2207673                -2.558372    -1.69298
      /cut2 |  -.4702432   .1484434                 -.761187   -.1792994
      /cut3 |   1.147427    .164784                .8244559    1.470397
      /cut4 |   2.829082    .284887                2.270713     3.38745
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_h i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -347.7813
Iteration 1:   log likelihood = -340.18294
Iteration 2:   log likelihood = -340.12618
Iteration 3:   log likelihood = -340.12616

Ordered logistic regression                     Number of obs   =       242
```

```
                                  LR chi2(12)     =      15.31
                                  Prob > chi2     =     0.2249
Log likelihood = -340.12616                       Pseudo R2       =     0.0220

------------------------------------------------------------------------------
   iex_bnf_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.108078   .3033908     0.37   0.708     .6479065    1.895085
 _Iorg_size_2 |   .8351215   .3033066    -0.50   0.620     .4098292    1.701752
 _Iorg_size_3 |   .9945996   .4601458    -0.01   0.991     .4016473    2.462928
 _Iorg_size_4 |    .756418   .3032966    -0.70   0.486     .3447151    1.659829
 _Iorg_size_5 |   .4939654   .2513805    -1.39   0.166      .182187    1.339293
  _Icsect1_2 |   .4378803   .1931488    -1.87   0.061     .1844552    1.039489
  _Icsect1_3 |   .3649654   .1567871    -2.35   0.019     .1572463    .8470772
  _Icsect1_4 |   .6244506   .2714381    -1.08   0.279     .2663761    1.463865
  _Icsect1_5 |   .3554981   .1741754    -2.11   0.035     .1360796    .9287126
  _Icsect1_6 |   .8664903   .4384898    -0.28   0.777     .3213741    2.336235
  _Icsect1_7 |   .3999198   .1972583    -1.86   0.063     .1520975    1.051535
_Icomb_stat_2 |   .5122347   .1403515    -2.44   0.015     .2993926    .8763889
-------------+----------------------------------------------------------------
       /cut1 |  -3.410101   .5252156                      -4.439504   -2.380697
       /cut2 |   -1.69577   .4877756                      -2.651793   -.7397478
       /cut3 |   .0072661   .4718265                      -.9174969    .9320291
       /cut4 |   1.731664   .5145215                       .7232201    2.740107
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_i i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -342.14645
Iteration 1:   log likelihood = -339.52213
Iteration 2:   log likelihood = -339.51797
Iteration 3:   log likelihood = -339.51797

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       5.26
                                                Prob > chi2     =     0.0219
Log likelihood = -339.51797                     Pseudo R2       =     0.0077

------------------------------------------------------------------------------
   iex_bnf_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |    .547579   .1442122    -2.29   0.022     .3267921    .9175336
-------------+----------------------------------------------------------------
      /cut1 |  -3.139452   .3092094                -3.745492   -2.533413
      /cut2 |   -1.86377   .1966879                -2.249272   -1.478269
      /cut3 |  -.4886858   .1518345                -.7862759   -.1910957
      /cut4 |   1.390701    .178521                 1.040806    1.740595
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_i i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
```

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -342.14645

Iteration 1: log likelihood = -330.65139

Iteration 2: log likelihood = -330.56293

Iteration 3: log likelihood = -330.56287

Iteration 4: log likelihood = -330.56287

Ordered logistic regression Number of obs = 242

LR chi2(12) = 23.17

Prob > chi2 = 0.0263

Log likelihood = -330.56287 Pseudo R2 = 0.0339

iex_bnf_i	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf. Interval]	
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	.5257846	.1440713	-2.35	0.019	.3073041	.8995956
_Iorg_size_2	1.614051	.5961156	1.30	0.195	.7826074	3.328822
_Iorg_size_3	2.358213	1.100727	1.84	0.066	.9446553	5.886982
_Iorg_size_4	2.881381	1.191522	2.56	0.010	1.281173	6.480275
_Iorg_size_5	2.719142	1.367489	1.99	0.047	1.014735	7.286371
_Icsect1_2	1.165647	.5242247	0.34	0.733	.4827893	2.81434
_Icsect1_3	1.072996	.4619835	0.16	0.870	.4614337	2.495094
_Icsect1_4	.9031971	.3944667	-0.23	0.816	.3837291	2.125888
_Icsect1_5	.6605642	.3184023	-0.86	0.390	.2568163	1.699055
_Icsect1_6	1.571394	.8308393	0.85	0.393	.5574824	4.429338
_Icsect1_7	.4933391	.2387008	-1.46	0.144	.1911147	1.273494

```
_Icomb_stat_2 |    .64043   .1752007    -1.63   0.103     .3746371    1.094795
--------------+----------------------------------------------------------------
      /cut1 |  -2.884545   .5549206                -3.972169    -1.79692
      /cut2 |  -1.581633   .5005912                -2.562774   -.6004927
      /cut3 |  -.1516122   .4845416                -1.101296    .7980718
      /cut4 |   1.823043   .5002786                 .8425152    2.803571
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_j i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -370.27445
Iteration 1:   log likelihood = -370.00132
Iteration 2:   log likelihood = -370.00129

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.55
                                                Prob > chi2     =     0.4598
Log likelihood = -370.00129                     Pseudo R2       =     0.0007

------------------------------------------------------------------------------
   iex_bnf_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.210174   .3123778     0.74   0.460     .7296759    2.007083
--------------+----------------------------------------------------------------
      /cut1 |  -1.665264   .1892305                -2.036149   -1.294379
```

```
      /cut2 |  -.2826031    .147485               -.5716683    .0064622
      /cut3 |   .8940179   .1587831                .5828088    1.205227
      /cut4 |   2.516848   .2504769                2.025922    3.007773
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_j i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -370.27445
Iteration 1:   log likelihood = -357.16262
Iteration 2:   log likelihood = -357.05287
Iteration 3:   log likelihood = -357.05281
Iteration 4:   log likelihood = -357.05281

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      26.44
                                                Prob > chi2     =     0.0093
Log likelihood = -357.05281                     Pseudo R2       =     0.0357

------------------------------------------------------------------------------
   iex_bnf_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.033352   .2762826     0.12   0.902     .6118802     1.74514
```

```
 _Iorg_size_2 |   .8877613   .3251282    -0.33   0.745    .4330694    1.819847
 _Iorg_size_3 |   1.475015   .6764938     0.85   0.397    .6003513    3.623993
 _Iorg_size_4 |   .7293809   .2869216    -0.80   0.422    .3373738    1.576875
 _Iorg_size_5 |    1.59084   .8013254     0.92   0.357     .592742    4.269599
  _Icsect1_2 |    .520815   .2353665    -1.44   0.149    .2147874    1.262868
  _Icsect1_3 |    .303143   .1318139    -2.74   0.006     .129278    .7108378
  _Icsect1_4 |   .2821704   .1259668    -2.83   0.005    .1176297    .6768707
  _Icsect1_5 |   .2853467   .1370837    -2.61   0.009    .1112875    .7316433
  _Icsect1_6 |    .947969   .4951078    -0.10   0.919    .3405856     2.63853
  _Icsect1_7 |   .2035134   .1028614    -3.15   0.002    .0755739    .5480423
_Icomb_stat_2 |   .4692012   .1276843    -2.78   0.005    .2752458    .7998298
--------------+----------------------------------------------------------------
      /cut1 |  -3.112889   .5334885                -4.158507   -2.067271
      /cut2 |  -1.655231   .5099298                -2.654675    -.655787
      /cut3 |  -.3885658   .4978729                -1.364379    .5872472
      /cut4 |   1.337497   .5175805                 .3230577    2.351936
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_k i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -358.3124
Iteration 1:   log likelihood = -358.24606
Iteration 2:   log likelihood = -358.24606

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.13
                                                Prob > chi2     =     0.7157
```

Log likelihood = -358.24606 Pseudo R2 = 0.0002

---

iex_bnf_k | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

_Icc_adopt1_1 | 1 (omitted)

_Icc_adopt1_2 | 1 (omitted)

_Icc_adopt1_3 | 1.099358 .2859421 0.36 0.716 .6603019 1.830358

/cut1 | -2.497181 .2535847 -2.994198 -2.000164

/cut2 | -1.062449 .163201 -1.382317 -.7425812

/cut3 | .3766922 .1489298 .0847951 .6685894

/cut4 | 2.019783 .2104699 1.60727 2.432297

.

. xi: ologit iex_bnf_k i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

i.org_size _Iorg_size_1-5 (naturally coded; _Iorg_size_1 omitted)

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -358.3124

Iteration 1: log likelihood = -347.80112

Iteration 2: log likelihood = -347.71809

Iteration 3: log likelihood = -347.71806

Iteration 4: log likelihood = -347.71806

Ordered logistic regression Number of obs = 242

```
                                  LR chi2(12)    =     21.19
                                  Prob > chi2    =     0.0477
Log likelihood = -347.71806                     Pseudo R2      =     0.0296

------------------------------------------------------------------------------
   iex_bnf_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.093933   .2914355     0.34   0.736     .648965    1.843995
 _Iorg_size_2 |   1.749356   .6448083     1.52   0.129    .8494294    3.602707
 _Iorg_size_3 |   5.099884   2.430182     3.42   0.001    2.004233    12.97694
 _Iorg_size_4 |   2.589833   1.044296     2.36   0.018    1.175012    5.708225
 _Iorg_size_5 |   2.328555   1.221361     1.61   0.107    .8329499    6.509598
  _Icsect1_2 |   1.128931   .4957375     0.28   0.782    .4774046    2.669611
  _Icsect1_3 |    .676946   .2956416    -0.89   0.372     .287614    1.593302
  _Icsect1_4 |   .9389074   .4293267    -0.14   0.890    .3831781     2.30062
  _Icsect1_5 |   .4733533   .2315062    -1.53   0.126    .1815024    1.234492
  _Icsect1_6 |   .8178875   .4258975    -0.39   0.699    .2947464    2.269544
  _Icsect1_7 |    .471765   .2271506    -1.56   0.119    .1836031    1.212192
_Icomb_stat_2 |   .4504253   .1250916    -2.87   0.004    .2613533    .7762784
-------------+----------------------------------------------------------------
       /cut1 |  -2.536469   .5275201                     -3.570389   -1.502549
       /cut2 |  -1.044315    .491866                     -2.008354   -.0802751
       /cut3 |   .4953016   .4854933                     -.4562477    1.446851
       /cut4 |    2.22488   .5079388                      1.229338    3.220421
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_l i.cc_adopt1 if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -355.57614
Iteration 1:   log likelihood =  -355.3508
Iteration 2:   log likelihood = -355.35077

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       0.45
                                                Prob > chi2     =     0.5020
Log likelihood = -355.35077                     Pseudo R2       =     0.0006

------------------------------------------------------------------------------
   iex_bnf_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   .8350414   .2242432    -0.67   0.502     .4933159    1.413484
-------------+----------------------------------------------------------------
      /cut1 |  -2.916772    .294402                      -3.49379   -2.339755
      /cut2 |  -1.635361   .1848612                     -1.997683    -1.27304
      /cut3 |  -.2593097   .1448568                     -.5432237    .0246043
      /cut4 |   1.088658   .1627362                      .7697014    1.407615
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_l i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)
```

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -355.57614

Iteration 1: log likelihood = -349.00722

Iteration 2: log likelihood = -348.98278

Iteration 3: log likelihood = -348.98277

Ordered logistic regression Number of obs = 242

LR chi2(12) = 13.19

Prob > chi2 = 0.3556

Log likelihood = -348.98277 Pseudo R2 = 0.0185

iex_bnf_l	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	.8454735	.2335802	-0.61	0.543	.4919685	1.45299
_Iorg_size_2	.9304267	.3491877	-0.19	0.848	.4458898	1.941497
_Iorg_size_3	1.078411	.5006418	0.16	0.871	.4341328	2.678837
_Iorg_size_4	1.097553	.44419	0.23	0.818	.4965197	2.426134
_Iorg_size_5	.7325721	.3753316	-0.61	0.544	.2683732	1.999685
_Icsect1_2	1.27362	.5737261	0.54	0.591	.5267443	3.079496
_Icsect1_3	1.531752	.6694834	0.98	0.329	.6503596	3.607642
_Icsect1_4	1.259078	.5577254	0.52	0.603	.5284475	2.999879
_Icsect1_5	1.130996	.5448677	0.26	0.798	.4399337	2.907604
_Icsect1_6	2.061468	1.0763	1.39	0.166	.7409027	5.735777
_Icsect1_7	.5021619	.2416939	-1.43	0.152	.1955036	1.289831
_Icomb_stat_2	.7123504	.1935244	-1.25	0.212	.4182612	1.213221

```
      /cut1 |  -3.006058   .5621492                -4.10785   -1.904265
      /cut2 |   -1.70275   .5153229               -2.712764   -.6927355
      /cut3 |  -.2727661   .4983112                -1.249438    .7039059
      /cut4 |   1.124712   .5024062                 .1400138    2.10941
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_m i.cc_adopt1 if year==1, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -333.6744
Iteration 1:   log likelihood =  -331.2472
Iteration 2:   log likelihood = -331.24357
Iteration 3:   log likelihood = -331.24357

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(1)      =       4.86
                                                Prob > chi2     =     0.0275
Log likelihood = -331.24357                     Pseudo R2       =     0.0073

------------------------------------------------------------------------------
   iex_bnf_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |     1.7968   .4794586     2.20   0.028     1.065037    3.031339
-------------+----------------------------------------------------------------
      /cut1 |  -1.488211   .1824507                -1.845807   -1.130614
      /cut2 |   .1564321    .147552                -.1327645    .4456287
```

```
      /cut3 |    1.99336   .2056353                 1.590322    2.396398
      /cut4 |   3.698858   .3945456                 2.925563    4.472153
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_m i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==1, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -333.6744
Iteration 1:   log likelihood = -325.13435
Iteration 2:   log likelihood = -325.08592
Iteration 3:   log likelihood =  -325.0859

Ordered logistic regression                     Number of obs   =        242
                                                LR chi2(12)     =      17.18
                                                Prob > chi2     =     0.1431
Log likelihood =  -325.0859                     Pseudo R2       =     0.0257

------------------------------------------------------------------------------
   iex_bnf_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.845116   .5043525     2.24   0.025     1.079822     3.15279
 _Iorg_size_2 |   .6763543   .2559402    -1.03   0.301     .3221587    1.419968
 _Iorg_size_3 |   .6329181   .2933085    -0.99   0.324     .2552005    1.569688
```

```
 _Iorg_size_4 |   1.077529   .4428229     0.18   0.856     .4815239    2.411237
 _Iorg_size_5 |    .384723   .2035038    -1.81   0.071     .1364254    1.084929
  _Icsect1_2 |    .810313   .3625489    -0.47   0.638     .3371395    1.947583
  _Icsect1_3 |   1.441237   .6391212     0.82   0.410     .6043207     3.43719
  _Icsect1_4 |   .7163959   .3213121    -0.74   0.457     .2974261    1.725548
  _Icsect1_5 |   .8564158   .4218345    -0.31   0.753     .3261509      2.2488
  _Icsect1_6 |   1.110253   .5908933     0.20   0.844     .3912007    3.150969
  _Icsect1_7 |   .4912823   .2390965    -1.46   0.144     .1892647    1.275242
_Icomb_stat_2 |   1.172801    .32548     0.57   0.566     .6807629    2.020473
--------------+----------------------------------------------------------------
      /cut1 |  -1.860125   .5085426                -2.85685   -.8633995
      /cut2 |  -.1589309   .4922869               -1.123795    .8059336
      /cut3 |   1.744601   .5089174                .7471417    2.742061
      /cut4 |    3.47606   .6088425                2.28275    4.669369
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_a i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -167.33591
Iteration 1:   log likelihood = -166.12403
Iteration 2:   log likelihood = -166.12223
Iteration 3:   log likelihood = -166.12223

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       2.43
                                                Prob > chi2     =     0.1192
Log likelihood = -166.12223                     Pseudo R2       =     0.0073
```

```
------------------------------------------------------------------------------
   iex_bnf_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.880768   .7664698     1.55   0.121     .8461447    4.180475
-------------+----------------------------------------------------------------
      /cut1 |   -4.69888   1.006118                -6.670836   -2.726925
      /cut2 |  -1.654578   .2639331                -2.171877   -1.137278
      /cut3 |  -.2890296    .200553                -.6821062    .1040471
      /cut4 |   1.421356    .242503                 .9460588    1.896653
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_a i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -167.33591
Iteration 1:   log likelihood = -155.31082
Iteration 2:   log likelihood = -155.09278
Iteration 3:   log likelihood = -155.09215
Iteration 4:   log likelihood = -155.09215

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      24.49
```

```
                                  Prob > chi2     =     0.0174
Log likelihood = -155.09215                     Pseudo R2       =     0.0732

------------------------------------------------------------------------------
   iex_bnf_a | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.229301   .9831941     1.82   0.069     .9392071    5.291469
 _Iorg_size_2 |   .5283376     .2727    -1.24   0.216     .1921172    1.452971
 _Iorg_size_3 |   .3525379   .2101705    -1.75   0.080     .1095846    1.134128
 _Iorg_size_4 |   .7441273   .4340531    -0.51   0.612     .2372123    2.334303
 _Iorg_size_5 |   1.481838   1.031347     0.57   0.572     .3787662    5.797356
  _Icsect1_2 |   .6359231   .4255976    -0.68   0.499     .1712891     2.36091
  _Icsect1_3 |   .9941253   .6146525    -0.01   0.992     .2959076    3.339843
  _Icsect1_4 |   .2573264   .1460144    -2.39   0.017     .0846229    .7824933
  _Icsect1_5 |   .3049684   .1909978    -1.90   0.058     .0893631    1.040762
  _Icsect1_6 |   .9441161   .5857313    -0.09   0.926     .2798585    3.185021
  _Icsect1_7 |   .3457375   .2367497    -1.55   0.121     .0903382    1.323188
_Icomb_stat_2 |   1.854062   .7804734     1.47   0.142     .8124713    4.230973
-------------+----------------------------------------------------------------
       /cut1 |  -5.738028   1.154566                      -8.000935   -3.475121
       /cut2 |  -2.581442   .6089661                      -3.774994    -1.38789
       /cut3 |  -1.043773   .5615115                      -2.144315    .0567697
       /cut4 |   .9078255   .5610566                      -.1918253    2.007476
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_b i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -154.16862
Iteration 1:   log likelihood = -153.53738
Iteration 2:   log likelihood = -153.53665
Iteration 3:   log likelihood = -153.53665

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       1.26
                                                Prob > chi2     =     0.2609
Log likelihood = -153.53665                     Pseudo R2       =     0.0041

------------------------------------------------------------------------------
   iex_bnf_b | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.593994   .6629021     1.12   0.262     .7054942    3.601472
-------------+----------------------------------------------------------------
      /cut1 |  -4.721274   1.006496                      -6.693969   -2.748578
      /cut2 |  -2.344875   .3368617                      -3.005112   -1.684638
      /cut3 |  -.5316007   .2046852                      -.9327764    -.130425
      /cut4 |   1.581932   .2548458                       1.082443     2.08142
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_b i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)
```

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -154.16862

Iteration 1: log likelihood = -148.83442

Iteration 2: log likelihood = -148.77759

Iteration 3: log likelihood = -148.77755

Iteration 4: log likelihood = -148.77755

Ordered logistic regression Number of obs = 123

LR chi2(12) = 10.78

Prob > chi2 = 0.5477

Log likelihood = -148.77755 Pseudo R2 = 0.0350

---

iex_bnf_b	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.847486	.8075774	1.40	0.160	.784336	4.351714
_Iorg_size_2	1.039407	.5509579	0.07	0.942	.3677811	2.937525
_Iorg_size_3	.3217457	.201548	-1.81	0.070	.0942547	1.098304
_Iorg_size_4	.7035522	.4212035	-0.59	0.557	.2176195	2.274546
_Iorg_size_5	1.079145	.7553711	0.11	0.913	.2736924	4.254974
_Icsect1_2	1.032736	.6989524	0.05	0.962	.2740936	3.891166
_Icsect1_3	1.389618	.850167	0.54	0.591	.4189201	4.609563
_Icsect1_4	.6138608	.3379049	-0.89	0.375	.2086982	1.805598
_Icsect1_5	.886549	.56527	-0.19	0.850	.25408	3.093392
_Icsect1_6	.9698816	.6528367	-0.05	0.964	.2592786	3.628029
_Icsect1_7	.3709734	.239413	-1.54	0.124	.1047147	1.31425
_Icomb_stat_2	1.346262	.5734391	0.70	0.485	.5841997	3.102402

```
-------------+----------------------------------------------------------------
      /cut1 |  -5.111717   1.143066                -7.352086   -2.871348
      /cut2 |   -2.69886   .6299494                -3.933538   -1.464182
      /cut3 |  -.7955583   .5623169                -1.897679    .3065626
      /cut4 |   1.437307   .5820489                 .296512    2.578102
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_c i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -158.12558
Iteration 1:   log likelihood = -155.63068
Iteration 2:   log likelihood = -155.62476
Iteration 3:   log likelihood = -155.62476

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       5.00
                                                Prob > chi2     =     0.0253
Log likelihood = -155.62476                     Pseudo R2       =     0.0158

------------------------------------------------------------------------------
   iex_bnf_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.432718   .9734248     2.22   0.026     1.110435     5.32955
-------------+----------------------------------------------------------------
      /cut1 |  -4.669905    1.00575                -6.641139   -2.698672
```

```
      /cut2 |  -2.400051   .3514778                -3.088935   -1.711168
      /cut3 |   .0113152   .2018656               -.3843341    .4069645
      /cut4 |    1.46184   .2464459                .978815    1.944865
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_c i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -158.12558
Iteration 1:   log likelihood =  -150.2713
Iteration 2:   log likelihood =  -150.2011
Iteration 3:   log likelihood = -150.20099
Iteration 4:   log likelihood = -150.20099

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      15.85
                                                Prob > chi2     =     0.1982
Log likelihood = -150.20099                     Pseudo R2       =     0.0501

------------------------------------------------------------------------------
   iex_bnf_c | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.399818   1.027652     2.04   0.041     1.036755    5.554956
```

```
 _Iorg_size_2 |   1.566117   .8327033     0.84   0.399     .5523839     4.44025
 _Iorg_size_3 |   .8274069   .5278439    -0.30   0.766     .2369711    2.888968
 _Iorg_size_4 |   1.498639   .8746741     0.69   0.488     .4774161    4.704323
 _Iorg_size_5 |   .5474553   .3917088    -0.84   0.400     .1346812    2.225309
  _Icsect1_2 |   1.123309   .7409661     0.18   0.860     .3083351    4.092377
  _Icsect1_3 |   .7141677   .4401832    -0.55   0.585     .2133806    2.390261
  _Icsect1_4 |   .8977781   .4768928    -0.20   0.839     .3169694     2.54285
  _Icsect1_5 |   .4659793   .2985413    -1.19   0.233     .1327465    1.635725
  _Icsect1_6 |   1.194293   .7749313     0.27   0.784     .3348099    4.260134
  _Icsect1_7 |   .2283273    .15008    -2.25   0.025     .0629595    .8280457
_Icomb_stat_2 |   1.022619   .4238442     0.05   0.957     .4538545     2.30415
--------------+----------------------------------------------------------------
      /cut1 |   -4.97478   1.132712                      -7.194856   -2.754705
      /cut2 |  -2.702136   .6275861                      -3.932182    -1.47209
      /cut3 |  -.1292706   .5445491                      -1.196567    .9380261
      /cut4 |   1.422069   .5630597                       .3184917    2.525645
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_d i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -161.06656
Iteration 1:   log likelihood =  -161.0603
Iteration 2:   log likelihood =  -161.0603

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.01
                                                Prob > chi2     =     0.9109
```

Log likelihood = -161.0603 Pseudo R2 = 0.0000

---

iex_bnf_d	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf. Interval]	
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.046364	.4237819	0.11	0.911	.4730889	2.314318
/cut1	-4.093077	.7179633			-5.500259	-2.685894
/cut2	-2.310918	.3274678			-2.952743	-1.669093
/cut3	-.5056507	.2047445			-.9069425	-.1043589
/cut4	1.326129	.2367762			.8620558	1.790202

.

. xi: ologit iex_bnf_d i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or

i.cc_adopt1 _Icc_adopt1_1-5 (naturally coded; _Icc_adopt1_5 omitted)

i.org_size _Iorg_size_1-5 (naturally coded; _Iorg_size_1 omitted)

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -161.06656

Iteration 1: log likelihood = -154.52383

Iteration 2: log likelihood = -154.42363

Iteration 3: log likelihood = -154.42353

Iteration 4: log likelihood = -154.42353

Ordered logistic regression Number of obs = 123

```
                                  LR chi2(12)    =      13.29
                                  Prob > chi2    =     0.3486
Log likelihood = -154.42353                     Pseudo R2      =     0.0412

------------------------------------------------------------------------------
   iex_bnf_d | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.014638   .4321305     0.03   0.973     .4403392    2.337947
 _Iorg_size_2 |   1.324822    .699223     0.53   0.594     .4708744    3.727435
 _Iorg_size_3 |   .8053644   .4945084    -0.35   0.724     .2417348    2.683154
 _Iorg_size_4 |   1.340254   .7918062     0.50   0.620     .4210242    4.266452
 _Iorg_size_5 |   2.705264   1.928313     1.40   0.163     .6690719    10.93822
  _Icsect1_2 |   .7970364   .5175408    -0.35   0.727     .2232371    2.845706
  _Icsect1_3 |   1.331567   .8439365     0.45   0.651      .384484    4.611559
  _Icsect1_4 |   1.516991   .8247776     0.77   0.443     .5226255    4.403271
  _Icsect1_5 |   1.588918   .9962297     0.74   0.460      .464954    5.429916
  _Icsect1_6 |   1.088969   .6535696     0.14   0.887     .3358515    3.530885
  _Icsect1_7 |   .2338022    .158922    -2.14   0.033     .0616968    .8860013
_Icomb_stat_2 |   1.570304   .6582667     1.08   0.282     .6904986    3.571123
-------------+----------------------------------------------------------------
       /cut1 |  -3.874368   .8792642                     -5.597694   -2.151042
       /cut2 |  -2.064455   .5936458                     -3.227979   -.9009302
       /cut3 |  -.0969857    .534167                     -1.143934    .9499623
       /cut4 |    1.87856   .5689833                      .763373    2.993747
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_e i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
```

```
note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -162.5195
Iteration 1:   log likelihood = -161.52654
Iteration 2:   log likelihood = -161.52512
Iteration 3:   log likelihood = -161.52512

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       1.99
                                                Prob > chi2     =     0.1585
Log likelihood = -161.52512                     Pseudo R2       =     0.0061

------------------------------------------------------------------------------
   iex_bnf_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.800373   .7539246     1.40   0.160     .7923431    4.090834
-------------+----------------------------------------------------------------
      /cut1 |  -4.002243   .7160494                      -5.405674   -2.598811
      /cut2 |  -1.537428   .2539681                      -2.035196   -1.039659
      /cut3 |    .261313    .19921                     -.1291313    .6517574
      /cut4 |   2.277723    .313872                      1.662546    2.892901
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_e i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
```

```
i.comb_stat       _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -162.5195
Iteration 1:   log likelihood = -152.22127
Iteration 2:   log likelihood = -151.98858
Iteration 3:   log likelihood = -151.98796
Iteration 4:   log likelihood = -151.98796

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      21.06
                                                Prob > chi2     =     0.0495
Log likelihood = -151.98796                     Pseudo R2       =     0.0648

------------------------------------------------------------------------------
   iex_bnf_e | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.032722   .9155635     1.57   0.115     .8407871    4.914392
 _Iorg_size_2 |   1.160559   .6368875     0.27   0.786     .3958654     3.40241
 _Iorg_size_3 |   .2997961   .1827368    -1.98   0.048     .0907794    .9900673
 _Iorg_size_4 |    1.20121   .7408747     0.30   0.766      .358608    4.023627
 _Iorg_size_5 |   1.584642   1.085027     0.67   0.501     .4140962    6.064028
  _Icsect1_2 |   .4283106   .2748863    -1.32   0.186     .1217488    1.506791
  _Icsect1_3 |   .2162338   .1390319    -2.38   0.017     .0613234    .7624668
  _Icsect1_4 |    .546409   .3117933    -1.06   0.290     .1785677    1.671986
  _Icsect1_5 |   1.406594    .895954     0.54   0.592     .4036283    4.901805
  _Icsect1_6 |   .4092916   .2586514    -1.41   0.157     .1186088    1.412371
  _Icsect1_7 |   .2903933   .1958343    -1.83   0.067     .0774384    1.088971
```

```
_Icomb_stat_2 |   1.455517   .6253568     0.87   0.382      .62705    3.378566
--------------+----------------------------------------------------------------
      /cut1 |  -4.829926   .9205264                -6.634125   -3.025727
      /cut2 |  -2.198297   .6043071                -3.382717   -1.013877
      /cut3 |  -.1842621   .5657865                -1.293183    .924659
      /cut4 |   1.987188   .6067054                 .798067    3.176308
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_f i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -177.18886
Iteration 1:   log likelihood = -177.18884
Iteration 2:   log likelihood = -177.18884

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.00
                                                Prob > chi2     =     0.9948
Log likelihood = -177.18884                     Pseudo R2       =     0.0000

------------------------------------------------------------------------------
   iex_bnf_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   .9973416   .4035382    -0.01   0.995     .4512696    2.204204
--------------+----------------------------------------------------------------
      /cut1 |  -1.974624   .2876421                -2.538392   -1.410856
```

```
      /cut2 |  -.1144815   .1982311               -.5030074    .2740443
      /cut3 |   1.221133   .2301513                .7700443    1.672221
      /cut4 |   2.969869   .4267113                 2.13353    3.806208
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_f i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -177.18886
Iteration 1:   log likelihood = -171.35029
Iteration 2:   log likelihood = -171.30533
Iteration 3:   log likelihood = -171.30529
Iteration 4:   log likelihood = -171.30529

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      11.77
                                                Prob > chi2     =     0.4646
Log likelihood = -171.30529                     Pseudo R2       =     0.0332

------------------------------------------------------------------------------
   iex_bnf_f | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.141266   .4923567     0.31   0.759     .4899682    2.658313
```

```
 _Iorg_size_2 |   1.032916   .5505805     0.06   0.952     .363366    2.936198
 _Iorg_size_3 |   .7474411   .4716822    -0.46   0.645     .2169779     2.57477
 _Iorg_size_4 |   .5593233   .3455478    -0.94   0.347     .1666456    1.877293
 _Iorg_size_5 |    .697883   .4800774    -0.52   0.601     .1812327    2.687377
  _Icsect1_2 |   1.534574   .9936971     0.66   0.508     .4313217     5.45977
  _Icsect1_3 |   1.150588   .6956158     0.23   0.817     .3518074    3.763001
  _Icsect1_4 |   .5105046   .2731986    -1.26   0.209     .1788445    1.457215
  _Icsect1_5 |    .290162   .1854785    -1.94   0.053     .0828957    1.015661
  _Icsect1_6 |   1.341277   .8220382     0.48   0.632     .4034931    4.458622
  _Icsect1_7 |   .6230155   .4171326    -0.71   0.480     .1677208    2.314252
_Icomb_stat_2 |   1.139312   .4560605     0.33   0.745     .5198894    2.496744
--------------+----------------------------------------------------------------
       /cut1 |  -2.443406   .6274948                      -3.673273   -1.213539
       /cut2 |  -.4517644   .5784203                      -1.585447    .6819185
       /cut3 |   .9640904    .584149                      -.1808206    2.109001
       /cut4 |   2.752887   .6750043                       1.429903    4.075872
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_g i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -161.04151
Iteration 1:   log likelihood = -157.85756
Iteration 2:   log likelihood = -157.84282
Iteration 3:   log likelihood = -157.84281

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       6.40
```

```
                                  Prob > chi2     =     0.0114
Log likelihood = -157.84281                     Pseudo R2       =     0.0199

------------------------------------------------------------------------------
   iex_bnf_g | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.877978   1.215108     2.50   0.012     1.258063    6.583737
-------------+----------------------------------------------------------------
      /cut1 |  -3.536448   .5873369                -4.687607   -2.385289
      /cut2 |  -1.888754   .2906643                -2.458446   -1.319062
      /cut3 |   .3564607   .2020026                 -.039457    .7523785
      /cut4 |   2.107025   .2923607                 1.534009    2.680041
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_g i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -161.04151
Iteration 1:   log likelihood = -153.28593
Iteration 2:   log likelihood = -153.18578
Iteration 3:   log likelihood = -153.18563
Iteration 4:   log likelihood = -153.18563
```

Ordered logistic regression Number of obs = 123

LR chi2(12) = 15.71

Prob > chi2 = 0.2048

Log likelihood = -153.18563 Pseudo R2 = 0.0488

---

iex_bnf_g	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf. Interval]	
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	2.641747	1.173486	2.19	0.029	1.106064	6.309604
_Iorg_size_2	.7638572	.4016526	-0.51	0.608	.2725412	2.14088
_Iorg_size_3	.3977719	.2521509	-1.45	0.146	.1148287	1.3779
_Iorg_size_4	.7616581	.4423463	-0.47	0.639	.2440112	2.377444
_Iorg_size_5	.5065532	.3650302	-0.94	0.345	.1233775	2.079765
_Icsect1_2	.9826645	.6598279	-0.03	0.979	.2635425	3.664038
_Icsect1_3	.685019	.4290959	-0.60	0.546	.2006827	2.338273
_Icsect1_4	.6758948	.3617766	-0.73	0.464	.2367383	1.929699
_Icsect1_5	.3832881	.2484031	-1.48	0.139	.1076155	1.365136
_Icsect1_6	1.710443	1.073796	0.85	0.393	.4997286	5.854406
_Icsect1_7	.3397119	.2285594	-1.60	0.109	.0908697	1.269996
_Icomb_stat_2	.9015993	.3730067	-0.25	0.802	.4007351	2.028476
/cut1	-4.388375	.8087463			-5.973489	-2.803261
/cut2	-2.70322	.6177268			-3.913942	-1.492497
/cut3	-.3639068	.5535609			-1.448866	.7210526
/cut4	1.47669	.5823325			.3353395	2.618041

.

. xi: ologit iex_bnf_h i.cc_adopt1 if year==2, or

```
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -168.15967
Iteration 1:   log likelihood = -166.54378
Iteration 2:   log likelihood = -166.54049
Iteration 3:   log likelihood = -166.54049

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       3.24
                                                Prob > chi2     =     0.0719
Log likelihood = -166.54049                     Pseudo R2       =     0.0096

------------------------------------------------------------------------------
   iex_bnf_h | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.059525   .8303261     1.79   0.073     .9345301    4.538797
-------------+----------------------------------------------------------------
      /cut1 |  -3.040938   .4609966                -3.944474   -2.137401
      /cut2 |  -.4788059   .2050243                -.8806461   -.0769656
      /cut3 |   1.133136   .2265292                 .6891471    1.577125
      /cut4 |   2.857684   .3851857                 2.102734    3.612634
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_h i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -168.15967

Iteration 1: log likelihood = -160.96304

Iteration 2: log likelihood = -160.8914

Iteration 3: log likelihood = -160.89132

Iteration 4: log likelihood = -160.89132

Ordered logistic regression Number of obs = 123

LR chi2(12) = 14.54

Prob > chi2 = 0.2678

Log likelihood = -160.89132 Pseudo R2 = 0.0432

---

iex_bnf_h	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	2.097888	.8889663	1.75	0.080	.914305	4.813637
_Iorg_size_2	.5668353	.2947227	-1.09	0.275	.2045878	1.570486
_Iorg_size_3	.2172639	.1435513	-2.31	0.021	.0595085	.7932249
_Iorg_size_4	.4678081	.2772275	-1.28	0.200	.1464326	1.494507
_Iorg_size_5	.4802375	.3407132	-1.03	0.301	.1195517	1.929107
_Icsect1_2	1.266579	.8006128	0.37	0.709	.3669289	4.372022
_Icsect1_3	.3955215	.2526972	-1.45	0.147	.1130683	1.383565
_Icsect1_4	.5929562	.3146953	-0.98	0.325	.2095418	1.677933
_Icsect1_5	.7529493	.4832742	-0.44	0.658	.2140076	2.649124
_Icsect1_6	1.057242	.7175861	0.08	0.935	.2795343	3.998654

```
  _Icsect1_7 |   .4373266   .2750751    -1.31   0.189     .1274696    1.500394
_Icomb_stat_2 |   1.151586    .490497     0.33   0.740     .4997383    2.653689
--------------+----------------------------------------------------------------
      /cut1 |  -4.120869   .7099583                -5.512362   -2.729377
      /cut2 |  -1.425579   .5550197                -2.513398   -.3377608
      /cut3 |   .2700862   .5422686                -.7927407    1.332913
      /cut4 |   2.046501   .6105107                 .8499225     3.24308
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_i i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -169.52464
Iteration 1:   log likelihood = -169.47119
Iteration 2:   log likelihood = -169.47119

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.11
                                                Prob > chi2     =     0.7437
Log likelihood = -169.47119                     Pseudo R2       =     0.0003

------------------------------------------------------------------------------
   iex_bnf_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   .8790573   .3465486    -0.33   0.744     .405929    1.903638
--------------+----------------------------------------------------------------
```

```
      /cut1 |  -3.422446   .5166585               -4.435078   -2.409814
      /cut2 |  -2.003959   .2907987               -2.573914   -1.434004
      /cut3 |   -.273957   .2021172               -.6700994    .1221853
      /cut4 |   1.389822   .2419947                .9155211    1.864123
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_i i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -169.52464
Iteration 1:   log likelihood = -164.30757
Iteration 2:   log likelihood = -164.26464
Iteration 3:   log likelihood = -164.26462
Iteration 4:   log likelihood = -164.26462

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      10.52
                                                Prob > chi2     =     0.5704
Log likelihood = -164.26462                     Pseudo R2       =     0.0310

------------------------------------------------------------------------------
   iex_bnf_i | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
```

```
_Icc_adopt1_3 |   .8347458   .3398026    -0.44   0.657    .3758832    1.853769
 _Iorg_size_2 |   .7003447   .3539415    -0.70   0.481    .2600939    1.885791
 _Iorg_size_3 |   .5739547   .3437501    -0.93   0.354    .1774518    1.856415
 _Iorg_size_4 |   .7814404   .4600705    -0.42   0.675    .2464642    2.477639
 _Iorg_size_5 |   .7432343   .5165012    -0.43   0.669    .1903681    2.901732
  _Icsect1_2 |   1.501493   .9184016     0.66   0.506    .4527704    4.979301
  _Icsect1_3 |   1.598347   .9642996     0.78   0.437    .4899283    5.214467
  _Icsect1_4 |   .7672899   .4348185    -0.47   0.640    .2526904    2.329862
  _Icsect1_5 |   .9266064   .5637517    -0.13   0.900    .2812032    3.053306
  _Icsect1_6 |   2.087783   1.350558     1.14   0.255    .5875639    7.418495
  _Icsect1_7 |   .6600241   .4181466    -0.66   0.512     .190676     2.28467
_Icomb_stat_2 |   2.421796   1.024674     2.09   0.037    1.056793    5.549903
--------------+----------------------------------------------------------------
      /cut1 |  -3.402025   .7147095                -4.80283   -2.001221
      /cut2 |  -1.960098   .5616504                -3.060913   -.8592837
      /cut3 |  -.1389809   .5155461                -1.149433    .8714708
      /cut4 |   1.642442   .5511243                 .562258    2.722626
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_j i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -181.00904
Iteration 1:   log likelihood = -181.00372
Iteration 2:   log likelihood = -181.00372

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.01
```

```
                                  Prob > chi2     =     0.9178
Log likelihood = -181.00372                     Pseudo R2       =     0.0000

------------------------------------------------------------------------------
   iex_bnf_j | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   .9599195   .3807099    -0.10   0.918     .4412077    2.088462
-------------+----------------------------------------------------------------
      /cut1 |  -2.329511   .3276841                -2.97176   -1.687262
      /cut2 |  -.2538417   .2004051               -.6466286    .1389451
      /cut3 |   .7964985   .2120054                .3809755    1.212021
      /cut4 |   2.416254   .3400735                1.749722    3.082785
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_j i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -181.00904
Iteration 1:   log likelihood = -171.85872
Iteration 2:   log likelihood = -171.75193
Iteration 3:   log likelihood =  -171.7518
Iteration 4:   log likelihood =  -171.7518
```

Ordered logistic regression Number of obs = 123

LR chi2(12) = 18.51

Prob > chi2 = 0.1009

Log likelihood = -171.7518 Pseudo R2 = 0.0511

---

iex_bnf_j	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf. Interval]	
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.067242	.445537	0.16	0.876	.4708853	2.418858
_Iorg_size_2	.7635376	.412626	-0.50	0.618	.2647461	2.20207
_Iorg_size_3	.9090496	.5541658	-0.16	0.876	.2752241	3.002539
_Iorg_size_4	.9994233	.5990203	-0.00	0.999	.3087225	3.23542
_Iorg_size_5	1.903958	1.328183	0.92	0.356	.4851401	7.472184
_Icsect1_2	.5037115	.3083475	-1.12	0.263	.1517463	1.672036
_Icsect1_3	.1710759	.1066315	-2.83	0.005	.0504238	.5804196
_Icsect1_4	.3275765	.1860947	-1.96	0.049	.1075843	.9974162
_Icsect1_5	.1647283	.1021097	-2.91	0.004	.0488806	.555137
_Icsect1_6	.3192007	.1943538	-1.88	0.061	.0967803	1.052787
_Icsect1_7	.2176759	.1522078	-2.18	0.029	.0552861	.8570479
_Icomb_stat_2	.93517	.3907291	-0.16	0.873	.4123299	2.120978
/cut1	-3.641189	.6340375			-4.88388	-2.398498
/cut2	-1.411448	.5548474			-2.498929	-.323967
/cut3	-.2280939	.540177			-1.286821	.8306336
/cut4	1.522562	.5832954			.3793242	2.6658

.

. xi: ologit iex_bnf_k i.cc_adopt1 if year==2, or

```
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -178.63725
Iteration 1:   log likelihood = -177.33208
Iteration 2:   log likelihood = -177.32984
Iteration 3:   log likelihood = -177.32984

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       2.61
                                                Prob > chi2     =     0.1059
Log likelihood = -177.32984                     Pseudo R2       =     0.0073

------------------------------------------------------------------------------
   iex_bnf_k | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.940935   .8012875     1.61   0.108     .8641805    4.359307
-------------+----------------------------------------------------------------
      /cut1 |  -2.426575   .3524944                -3.117451   -1.735699
      /cut2 |  -1.149376   .2292694                -1.598735   -.7000159
      /cut3 |   .3446811   .2001861                -.0476763    .7370386
      /cut4 |   2.211556   .3045263                 1.614695    2.808416
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_k i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -178.63725

Iteration 1: log likelihood = -173.84375

Iteration 2: log likelihood = -173.80469

Iteration 3: log likelihood = -173.80467

Iteration 4: log likelihood = -173.80467

Ordered logistic regression Number of obs = 123

LR chi2(12) = 9.67

Prob > chi2 = 0.6453

Log likelihood = -173.80467 Pseudo R2 = 0.0271

---

iex_bnf_k | Odds Ratio Std. Err. z P>|z| [95% Conf. Interval]

---+---

_Icc_adopt1_1 | 1 (omitted)

_Icc_adopt1_2 | 1 (omitted)

_Icc_adopt1_3 | 2.545008 1.115372 2.13 0.033 1.078059 6.00808

_Iorg_size_2 | 1.570142 .8287702 0.85 0.393 .5580177 4.418041

_Iorg_size_3 | 1.129594 .6848755 0.20 0.841 .3442209 3.706874

_Iorg_size_4 | .6655512 .3920245 -0.69 0.489 .2097997 2.11134

_Iorg_size_5 | 1.469811 1.000715 0.57 0.572 .3870116 5.582116

_Icsect1_2 | .830917 .5207934 -0.30 0.768 .2432487 2.838342

_Icsect1_3 | 1.173296 .7042822 0.27 0.790 .3617978 3.804955

_Icsect1_4 | 1.003586 .5318932 0.01 0.995 .3551598 2.835863

_Icsect1_5 | .7829236 .5036342 -0.38 0.704 .2219033 2.762327

_Icsect1_6 | .9211431 .5609351 -0.13 0.893 .2792436 3.038582

```
  _Icsect1_7 |   1.035787   .7135833     0.05   0.959     .2684437    3.996572
_Icomb_stat_2 |   1.903782    .795806     1.54   0.124     .8390807    4.319473
--------------+----------------------------------------------------------------
       /cut1 |  -2.079037   .6214991                -3.297152   -.860921
       /cut2 |  -.7683221   .5691873                -1.883909    .3472644
       /cut3 |   .8012699   .5619624                -.3001561    1.902696
       /cut4 |     2.7269   .6128397                1.525756    3.928044
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_l i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -166.36262
Iteration 1:   log likelihood = -166.06706
Iteration 2:   log likelihood = -166.06695
Iteration 3:   log likelihood = -166.06695

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.59
                                                Prob > chi2     =     0.4419
Log likelihood = -166.06695                     Pseudo R2       =     0.0018

------------------------------------------------------------------------------
    iex_bnf_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
--------------+---------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.379899   .5785197     0.77   0.442     .6067126    3.138425
```

```
-------------+------------------------------------------------------------------
      /cut1 |  -4.044079   .7166423                -5.448672   -2.639486
      /cut2 |  -2.079943   .3015034                -2.670879   -1.489007
      /cut3 |  -.3889953   .1991762                -.7793734    .0013829
      /cut4 |   1.198541   .2286153                 .7504633    1.646619
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_l i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -166.36262
Iteration 1:   log likelihood = -156.64676
Iteration 2:   log likelihood = -156.51428
Iteration 3:   log likelihood = -156.51402
Iteration 4:   log likelihood = -156.51402

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      19.70
                                                Prob > chi2     =     0.0730
Log likelihood = -156.51402                     Pseudo R2       =     0.0592

------------------------------------------------------------------------------
   iex_bnf_l | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
```

```
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.394331   .6123375     0.76   0.449     .5895904    3.297474
 _Iorg_size_2 |   .2592506   .1422608    -2.46   0.014     .0884367    .7599882
 _Iorg_size_3 |   .2931428   .1857827    -1.94   0.053     .0846487    1.015169
 _Iorg_size_4 |   .1833098   .1182421    -2.63   0.009     .0517758       .649
 _Iorg_size_5 |   .6084034   .4369421    -0.69   0.489      .148894    2.486028
  _Icsect1_2 |   .9567427   .6269405    -0.07   0.946     .2648588    3.456018
  _Icsect1_3 |   1.350164   .8068192     0.50   0.615     .4185358    4.355521
  _Icsect1_4 |   1.066348   .6081915     0.11   0.910     .3486716    3.261232
  _Icsect1_5 |   .5507587   .3507551    -0.94   0.349     .1580763    1.918916
  _Icsect1_6 |    3.67997   2.309239     2.08   0.038     1.075726    12.58887
  _Icsect1_7 |   2.367145   1.551254     1.31   0.189      .655254    8.551458
_Icomb_stat_2 |   1.821263   .7924145     1.38   0.168     .7762877    4.272898
--------------+----------------------------------------------------------------
       /cut1 |  -4.951541   .9118544                      -6.738743   -3.164339
       /cut2 |  -2.905279   .6262359                      -4.132679   -1.677879
       /cut3 |  -1.037118   .5667075                      -2.147844    .0736087
       /cut4 |   .7135052   .5677802                      -.3993236    1.826334
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_m i.cc_adopt1 if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -155.67968
Iteration 1:   log likelihood = -153.42446
Iteration 2:   log likelihood = -153.41613
Iteration 3:   log likelihood = -153.41613
```

```
Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       4.53
                                                Prob > chi2     =     0.0334
Log likelihood = -153.41613                     Pseudo R2       =     0.0145

------------------------------------------------------------------------------
   iex_bnf_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.483376   1.068251     2.11   0.034     1.068781     5.77027
-------------+----------------------------------------------------------------
      /cut1 |  -1.691415   .2686574                -2.217973   -1.164856
      /cut2 |   .4134772   .2006469                 .0202166    .8067378
      /cut3 |   2.123015   .2948789                 1.545063    2.700967
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_m i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -155.67968
Iteration 1:   log likelihood = -148.99571
Iteration 2:   log likelihood = -148.91895
Iteration 3:   log likelihood = -148.91887
Iteration 4:   log likelihood = -148.91887
```

```
Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      13.52
                                                Prob > chi2     =     0.3323
Log likelihood = -148.91887                     Pseudo R2       =     0.0434

------------------------------------------------------------------------------
   iex_bnf_m | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   2.541234   1.119588     2.12   0.034     1.071598     6.02639
 _Iorg_size_2 |   .4847914   .2628479    -1.34   0.182     .1675112    1.403026
 _Iorg_size_3 |   .7869602   .4874604    -0.39   0.699     .2337221    2.649755
 _Iorg_size_4 |   .4158846   .2515289    -1.45   0.147     .1271049    1.360766
 _Iorg_size_5 |   1.633707    1.17843     0.68   0.496     .3973592     6.71684
  _Icsect1_2 |   1.910545   1.232854     1.00   0.316     .5393689    6.767504
  _Icsect1_3 |    1.29423   .8291478     0.40   0.687     .3687142    4.542901
  _Icsect1_4 |   .8972788   .5158186    -0.19   0.850     .2908019    2.768583
  _Icsect1_5 |   .9049903   .5904884    -0.15   0.878     .2519136    3.251144
  _Icsect1_6 |    1.76262   1.089386     0.92   0.359     .5248971     5.91893
  _Icsect1_7 |   1.111903   .7606733     0.16   0.877     .2909001    4.250007
_Icomb_stat_2 |   1.036114   .4325158     0.08   0.932     .4571738    2.348191
-------------+----------------------------------------------------------------
      /cut1 |  -2.039215   .6483225                -3.309904   -.7685262
      /cut2 |   .1445232   .6147629                -1.06039    1.349436
      /cut3 |     1.9474   .6365616                .6997621    3.195038
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_n i.cc_adopt1 if year==2, or
```

```
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood =  -180.4853
Iteration 1:   log likelihood = -180.15843
Iteration 2:   log likelihood = -180.15827
Iteration 3:   log likelihood = -180.15827

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.65
                                                Prob > chi2     =     0.4187
Log likelihood = -180.15827                     Pseudo R2       =     0.0018

------------------------------------------------------------------------------
   iex_bnf_n | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.377446   .5452359     0.81   0.419     .6340777     2.99231
-------------+----------------------------------------------------------------
      /cut1 |  -2.604073   .3729401                      -3.335022   -1.873124
      /cut2 |  -.9417174   .2169169                      -1.366867    -.516568
      /cut3 |   .6939951   .2106876                       .281055    1.106935
      /cut4 |   1.981507   .2879281                      1.417179    2.545836
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_n i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size        _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
```

i.csect1 _Icsect1_1-7 (naturally coded; _Icsect1_1 omitted)

i.comb_stat _Icomb_stat_1-2 (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity

note: _Icc_adopt1_2 omitted because of collinearity

Iteration 0: log likelihood = -180.4853

Iteration 1: log likelihood = -174.03312

Iteration 2: log likelihood = -173.97819

Iteration 3: log likelihood = -173.97815

Iteration 4: log likelihood = -173.97815

Ordered logistic regression Number of obs = 123

LR chi2(12) = 13.01

Prob > chi2 = 0.3680

Log likelihood = -173.97815 Pseudo R2 = 0.0361

iex_bnf_n	Odds Ratio	Std. Err.	z	P>|z|	[95% Conf.	Interval]
_Icc_adopt1_1	1	(omitted)				
_Icc_adopt1_2	1	(omitted)				
_Icc_adopt1_3	1.070335	.4541375	0.16	0.873	.4659717	2.458556
_Iorg_size_2	.2615057	.1390541	-2.52	0.012	.0922274	.7414852
_Iorg_size_3	.6360836	.3833218	-0.75	0.453	.1952343	2.072393
_Iorg_size_4	.3583841	.2098857	-1.75	0.080	.1137226	1.129407
_Iorg_size_5	.3083026	.2134514	-1.70	0.089	.0793694	1.197571
_Icsect1_2	1.374752	.8509294	0.51	0.607	.408655	4.62479
_Icsect1_3	.9469193	.5850993	-0.09	0.930	.2820704	3.178838
_Icsect1_4	1.07023	.564795	0.13	0.898	.3804266	3.010813
_Icsect1_5	1.795935	1.145857	0.92	0.359	.5142808	6.27164
_Icsect1_6	.9050013	.5463592	-0.17	0.869	.2771849	2.954805

```
  _Icsect1_7 |    1.81803   1.185456     0.92   0.359     .5064901    6.525763
_Icomb_stat_2 |   .7409707   .2977293    -0.75   0.456     .3371164    1.628629
--------------+----------------------------------------------------------------
      /cut1 |  -3.659399   .6499476                -4.933273   -2.385525
      /cut2 |  -1.919458   .5577098                 -3.01255   -.8263671
      /cut3 |  -.1709215   .5355058                -1.220494    .8786505
      /cut4 |   1.175581   .5636754                 .0707975    2.280365
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_o i.cc_adopt1 if year==2, or
i.cc_adopt1       _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -172.98628
Iteration 1:   log likelihood = -172.85639
Iteration 2:   log likelihood = -172.85637
Iteration 3:   log likelihood = -172.85637

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(1)      =       0.26
                                                Prob > chi2     =     0.6102
Log likelihood = -172.85637                     Pseudo R2       =     0.0008

------------------------------------------------------------------------------
   iex_bnf_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.221028   .4783693     0.51   0.610     .5665597    2.631515
```

```
-------------+----------------------------------------------------------------
      /cut1 |  -3.648869   .5895187               -4.804304   -2.493433
      /cut2 |  -1.598491   .2565413               -2.101303   -1.095679
      /cut3 |   .0934495   .2007235               -.2999612    .4868603
      /cut4 |   1.517157   .2500939                1.026982    2.007332
------------------------------------------------------------------------------

.
. xi: ologit iex_bnf_o i.cc_adopt1 i.org_size i.csect1 i.comb_stat if year==2, or
i.cc_adopt1      _Icc_adopt1_1-5     (naturally coded; _Icc_adopt1_5 omitted)
i.org_size       _Iorg_size_1-5      (naturally coded; _Iorg_size_1 omitted)
i.csect1         _Icsect1_1-7        (naturally coded; _Icsect1_1 omitted)
i.comb_stat      _Icomb_stat_1-2     (naturally coded; _Icomb_stat_1 omitted)

note: _Icc_adopt1_1 omitted because of collinearity
note: _Icc_adopt1_2 omitted because of collinearity
Iteration 0:   log likelihood = -172.98628
Iteration 1:   log likelihood =  -167.9704
Iteration 2:   log likelihood = -167.93489
Iteration 3:   log likelihood = -167.93487
Iteration 4:   log likelihood = -167.93487

Ordered logistic regression                     Number of obs   =        123
                                                LR chi2(12)     =      10.10
                                                Prob > chi2     =     0.6069
Log likelihood = -167.93487                     Pseudo R2       =     0.0292

------------------------------------------------------------------------------
   iex_bnf_o | Odds Ratio   Std. Err.      z    P>|z|     [95% Conf. Interval]
-------------+----------------------------------------------------------------
_Icc_adopt1_1 |          1  (omitted)
```

```
_Icc_adopt1_2 |          1  (omitted)
_Icc_adopt1_3 |   1.080029   .4471281     0.19   0.852     .4797789    2.431251
 _Iorg_size_2 |   .5364509   .2803511    -1.19   0.233     .1926146    1.494069
 _Iorg_size_3 |   .5694644   .3498266    -0.92   0.359     .1708309    1.898308
 _Iorg_size_4 |   .4254721   .2506554    -1.45   0.147     .1340938    1.349999
 _Iorg_size_5 |   .4451769   .3208352    -1.12   0.261     .1084124    1.828043
  _Icsect1_2 |   1.149686   .7288187     0.22   0.826     .3318776    3.982724
  _Icsect1_3 |   .4370234   .2812936    -1.29   0.198     .1237718    1.543076
  _Icsect1_4 |    1.33878   .7287038     0.54   0.592     .4606767    3.890648
  _Icsect1_5 |   1.526159   .9449208     0.68   0.495     .4535015    5.135951
  _Icsect1_6 |   1.305647   .7940658     0.44   0.661      .396409     4.30039
  _Icsect1_7 |   1.403249   .8871852     0.54   0.592     .4064193    4.845018
_Icomb_stat_2 |   .6149837   .2504467    -1.19   0.233     .2768338     1.36618
--------------+----------------------------------------------------------------
       /cut1 |  -4.522077   .7996922                      -6.089444   -2.954709
       /cut2 |  -2.408334   .5915349                      -3.567721   -1.248946
       /cut3 |  -.6109749   .5523898                      -1.693639    .4716892
       /cut4 |   .8792282    .554348                     -.2072739     1.96573
------------------------------------------------------------------------------


. log close
      name:  <unnamed>
       log:  C:\Users\Ahmad\Statistical Output for Chapter.5.log
  log type:  text
 closed on:  23 Mar 2015, 12:17:05
-------------------------------------------------------------------------------------------------------------------------------
-------
```